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REVIEW OF IRON ORE STATISTICS

Iron ore statistics - 1983-1992

Prepared by the UNCTAD secretariat

GE.93-52800

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INTRODUCTION

1. This document is issued under the UNCTAD statistical programme on minerals and metal statistics. It contains information, updated in as much as is possible, covering the period 1983-1992. With 27 tables and the same format as in the previous version, it also includes definitions and footnotes with a view to facilitating understanding of the statistics.

2. Improvements to this document take into account the discussions held on statistical issues during past sessions of the Intergovernmental Group of Experts on Iron Ore, as well as their suggestions.

3. The present compilation of iron-ore statistics is primarily based on the replies to the UNCTAD questionnaire on iron ore. The questionnaire was sent to all member States of UNCTAD and to the Commission of the European Communities on 18 January 1993. As of 15 July 1993, some 28 countries in addition to the Commission had responded to the questionnaire. Their replies are summarized in the annex.

4. Data for countries which have not responded to the questionnaire were compiled on the basis of statistics available in the UNCTAD data bank, which collates data on production and trade of several commodities, and/or information directly supplied by governments in the form of magnetic tapes or national statistical publications to the United Nations Statistical Office. Relevant publications of other international organizations have been used to supplement these data.

5. Every possible attempt has been made to tabulate comparable statistics taking into account uniform criteria and commonly agreed upon definitions. Nevertheless, there is room for further improvements in this area. The regular and widespread use of the UNCTAD questionnaire has proved very useful and remains an important tool to this end.

6. Although complete geographical coverage of its statistics is a major aim of the secretariat, some tables in this document present original data based exclusively on replies to the questionnaire, and hence lack complete geographical coverage. It should be acknowledged, however, that a great number of countries did provide additional data.

7. In order to improve the analytical presentation of the tables on iron-ore production (Table 1), iron-ore exports (Table 6), iron-ore imports (Table 10) and iron-ore apparent consumption (Table 17), a column indicating the percentage change of 1992 relative to 1991 has been added.

EXPLANATORY NOTES

1. The following symbols are applicable to all tables:

   (a) The symbol "#" indicates that the data concerned have been supplied by governments in response to the questionnaire.

   (b) The symbol "-" indicates that the amount is nil or negligible.

   (c) The symbol ".." indicates that information is not available.

   (d) The letter "E" indicates that data have been estimated by the UNCTAD secretariat in the absence of data supplied by Governments and when data are not available from official national publications.

   (e) The term "tonnes" refers to metric tons.

   (f) The term "dollars" refers to United States dollars.

2. German reunification on 3 October 1990 increased the territory within the European Economic Community rendering statistical comparison with previous years difficult. In this report, statistics for Germany for 1991 and 1992 represent the enlarged territory. As a result of this new situation, the interpretation of 1991 and 1992 figures should take in account that ***totals for developed market-economy countries, as well as for the EEC are higher;*** in contrast, ***totals for the countries in Eastern Europe are lower*** since figures for the former German Democratic Republic are excluded.

3. In order to facilitate statistical analysis, this report shows the 1991 and 1992 figures for the former USSR; however, since 26 December 1991 the name Russian Federation in place of the name Union of Soviet Socialist Republics is to be used in the United Nations. While the UNCTAD secretariat received some statistics from the Russian Federation, Ukraine and Latvia, these data are presented for information only and do not figure in the totals.

4. The Intergovernmental Group of Experts on iron-ore noted the implementation in a large number of countries of the nomenclature of the *Harmonized Commodity Description and Coding System*. There is a close correlation between this system and the *Standard International Trade Classification* (SITC) of the United Nations. The table below gives the concordance between the five statistical international trade codes presently in use: *Standard International Trade Classification* (SITC, Rev.1), *Revised Standard International Trade Classification* (SITC Rev.2 and Rev.3), *Customs Co-operation Council Nomenclature* (CCCN), and *Harmonized Commodity Coding System* (HS).

Item	SITC Rev.1	SITC Rev.2	SITC Rev.3	CCCN	HS
Iron ore and concentrates					
Non-agglomerated	2813	2815	2815	2601B	260111
Agglomerated (sinter, pellets, briquettes)	2813	2816	2816	2601C	260112
Pig iron in pigs, blocks or other primary forms	6712	6712	6712	7301	720110
Sponge iron or ferrous products obtained by direct reduction of iron ore (DRI)	67133	67133	67133	7305B	720310
Ferrous scrap, or waste of cast iron (purchased scrap)	2820	28201	2821	7303A	720410

DEFINITIONS

Weight	***Natural***: natural state of extraction, normally wet.
Year	Statistics are presented for the ***calendar year*** from 1 January to 31 December.
Production	Ores, concentrates, non-agglomerates and agglomerates. ***Marketable*** products only.
Trade	Quantities of iron-ore traded by type of product in terms of ***natural weight*** and ***Fe content***. Value for ***exports***: ***f.o.b.*** basis. Value for ***imports***: ***c.i.f.*** basis.
Run of mine	***Marketable*** unprepared iron-ore with more than 20% fines.
Lumps	Unbeneficiated ***marketable*** ore, typically between 10 and 30mm. Usually less than 20% fines.
Fines	Small particles of ***marketable*** ore normally requiring agglomeration (sintering or pelletizing). Usually below 10mm.
Concentrates	***Marketable*** ore treated in concentration plant to retain valuable constituants and discard those of no commercial interest.
Pellet-feed	Iron-ore fines for pelletizing. Usually very fine, below 0.1mm.
Pellets	Iron-ore fines agglomerated into a rough ball shape typically 10mm in diameter.
Sinter	Agglomeration of natural ore fines, ore concentrates, flue dust and other bearing materials.
Ferrous scrap	Scrap high in Fe content used by the iron-ore and steel industry.
Pig iron	Primary iron produced from iron-ore in blast furnaces.
Sponge iron-ore or DRI	Primary iron produced through direct reduction without exceeding the melting temperature.
Crude steel	Measured at the first stage of solidification, except for liquid steel for casting.

COMPLEMENTARY SOURCES

Statistical Yearbook, and World Steel in figures,
International Iron and Steel Institute, Brussels.

Monthly Bulletin of Statistics,
United Nations, New York.

Monthly Report of the Iron and Steel Statistics,
Japan Iron and Steel Federation, Tokyo.

Siderurgia Latino-Americana,
Instituto Latino-Americano del Fierro y Acero, Santiago.

Direct from Midrex,
Midrex Corporation, North Carolina, United States.

1. IRON ORE : Production[1]

(thousand tonnes, natural weight[2])

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	% change 92/91
WORLD	**777972**	**874910**	**910365**	**914707**	**931714**	**960428**	**986156**	**976452**	**949045**	**902681**	**-5.0**
DEVELOPED MARKET ECONOMY COUNTRIES	**210798**	**260479**	**266437**	**246890**	**253938**	**262266**	**278047**	**272451**	**261282**	**246396**	**-5.3**
AMERICA	**71886**	**92030**	**89328**	**76125**	**84164**	**97924**	**99014**	**91491**	**92626**	**89362**	**-3.5**
Canada	33326#	39930#	39798#	36679#	36520#	40409#	41142#	38033#	37111#	34449#	-7.2
United States	38560	52100	49530	39446	47644	57515	57872	55458	55515#	54913#	-1.1
EUROPE	**48324**	**52293**	**51865**	**48886**	**43143**	**40401**	**40614**	**36185**	**35239**	**31668**	**-10.1**
EEC	*26850*	*25833*	*24025*	*20970*	*16598*	*14453*	*14083*	*11907*	*11582*	*8589*	*-25.8*
Belgium-Luxembourg	40	-	-	-	-	-	-	-	-	-	-
France	16180	15030	14480	12560	11566	9872#	9319#	8720#	7492#	5706#	-23.8
Germany	980	980	1030	717	247	70#	102#	84#	118#	109#	-7.6
Greece	1300	1452	1712	1300E	..	..	..	..	..	..	..
Portugal	30	30	70	50	30	25	20	20E	-	-	-
Spain	7940#	7961#	6453#	6054#	4492#	4262#	4610#	3030#	3915#	2746#	-29.9
United Kingdom	380	380	270	289	263	224#	32#	53#	57#	28#	-50.9
EFTA	*21474*	*26460*	*27840*	*27896*	*26545*	*25948*	*26531*	*24258*	*23657*	*23079*	*-2.4*
Austria	3540	3600	3300	3120#	3050#	2300#	2410#	2300#	2120#	1650E	-22.2
Finland	860	900	800	643#	648	557#	-	-	-	-	-
Norway	3540	3840	3470	3660	3140	2644#	2358#	2081#	2209#	2152#	-2.6
Sweden	13534	18120	20270	20473#	19707	20447	21763#	19877#	19328#	19277#	-0.3
SOUTH AFRICA	**16805**	**24496**	**24939**	**24483**	**22008#**	**25247#**	**29958#**	**30291#**	**28952**	**28226#**	**-2.5**
ASIA	**298**	**324**	**338**	**291**	**295**	**278**	**251**	**208**	**40**	**40**	-
Japan	298	324	338	291#	295	278	251	208	40	40E	-
OCEANIA	**73685**	**91336**	**98967**	**96925**	**104328**	**98436**	**108210**	**114296**	**124265**	**117100**	**-5.8**
Australia [3]	71485#	89046#	97447#	94015#	101748#	96084#	105810#	112000#	122000	115000E	-5.7
New Zealand	2200	2290	2520	2910	2580	2352#	2400E	2296#	2265#	2100E	-7.3
DEVELOPING COUNTRIES AND TERRITORIES	**197936**	**231413**	**251756**	**263008**	**268914**	**281757**	**290309**	**285778**	**282091**	**267384**	**-5.2**
AFRICA	**29714**	**32583**	**32543**	**32150**	**30827**	**29982**	**31349**	**22568**	**18208**	**15945**	**-12.4**
Algeria	3684	3664	3380	3360#	3575#	3400E	2748#	2930#	2700	2700E	-
Egypt	2060	1889	2120	1999	2112#	2400#	2400E	2420#	2371#	1978#	-16.6
Liberia	15410	16100	16120	15600	13806#	12808#	12300	3981	1200	1705	42.1
Mauritania	6600	9000#	9203#	9262#	9120#	9782#	12114#	11416#	10194#	8094#	-20.6
Morocco	300	200	140	200	204	117#	126#	50#	54#	71#	31.3
Sierra Leone	360	420	70	-	-	-	-	-	-	-	-
Tunisia	300	310	310	310	290	226#	190#	191#	191#	189#	-1.0
Zimbabwe	1000E	1000E	1200E	1419#	1720#	1249#	1471#	1580#	1498#	1208#	-19.4
AMERICA	**120820**	**146460**	**163254**	**165596**	**171788**	**185548**	**192671**	**192851**	**192836**	**182393**	**-5.4**
Argentina	1000	700	900	710	800	1162#	677#	444#	89#	2#	-97.8
Bolivia [3]	-	-	-	-	-	15#	14#	125#	102#	100E	-2.0
Brazil [4]	92100	112100	128200	129054	134105#	146000#	153743#	152303#	150657#	145820#	-3.2
Chile	5170	5590	5840	6326#	6131#	7295#	8112#	7811#	8691#	7154	-17.7
Colombia	456#	441#	455#	523#	615	615#	600	628#	607#	600E	-1.3
Mexico	8420	10543	8103	7581	7374	7830#	7538#	8114#	9138	7763#	-3.0
Peru [3]	4225	4031	4992	5195#	5567#	4158#	3935	3307#	3593#	2900	-19.3
Venezuela	9449	13055	14764	16207#	17196	18473#	18052#	20119#	19959#	18054#	-9.5
ASIA	**42384**	**47055**	**50481**	**58644**	**60316**	**60684**	**61852**	**66227**	**68875**	**67746**	**-2.7**
India	38089#	42310#	44090#	51169#	51335#	49961#	51434#	53702#	56884#	54872#	-3.5
Iran,Islamic Rep.of	-	-	1000E	2000E	3000E	4300	5630	5500E	6184#	7000E	13.2
Malaysia	100	160	182	208	161	209#	193#	348	384	270E	-29.7
Republic of Korea	591	554	542	525	510	672	344#	370#	290#	300E	-3.4
Thailand	70	70	94	37#	97	99	160	132	228	459#	101.3
Turkey	3501#	3956#	4573#	4705#	5213#	5443#	4091#	6155#	4885#	4825#	-1.2
Other Asia	33	3	-	-	-	-	-	20	20E	20E	-
EUROPE	**5018**	**5315**	**5478**	**6618**	**5983**	**5543**	**4438**	**4132**	**2172**	**1300E**	**-40.0**
Yugoslavia (former)	5018#	5315	5478	6618	5983	5543#	4438#	4132#	2172	1300E	-40.0

1. IRON ORE : Production[1]

(concluded)

(thousand tonnes, natural weight[2])

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	% change 92/91
COUNTRIES IN EASTERN EUROPE	**250958**	**253188**	**253932**	**256379**	**256842**	**253605**	**248700**	**238373**	**201942**	**163463**	**-19.1**
Bulgaria	1803	2063	1985	2179	1857	1826	1613	1079#	858#	349#	-59.3
Czechoslovakia	1903	1869	1824	1784	1798	1773	1780#	1710	1740	726#	-58.3
Germany(former G.D.R.)	40	36	-	-	-	-	- #	-	-	-	-
Hungary	215	193	184	-	-	-	-	-	-	-	-
Poland	10	11	12	9	6	6	7	6E	5E	..	..
Romania	1987	1916	2287	2431	2281	2000#	2000#	578#	477E	388#	-18.7
USSR (former)	245000	247100	247640	249976	250900	248000#	241300#	236000#	198862#	162000E	-18.5
of which											
Ukraine	..	..	..	..	..	..	..	105866#	86813#	..	..
Russia	..	..	..	..	..	..	..	..	92200	82100	-10.9
SOCIALIST COUNTRIES OF ASIA	**118280**	**129630**	**138240**	**148630**	**152020**	**162780**	**171100**	**178850**	**184790**	**205438**	**11.1**
China	110280	121830	130240	140630	144020	154780	162100	169350	175290	195938	11.8
Other Socialist Asia	8000	8000	8000	8000	8000	8000	9000E	9500E	9500E	9500E	-

1 Production includes ores, concentrates and iron ore agglomerated. Marketable products only.

2 Natural weight: natural state of extraction, normally wet.

3 Dry weight.

4 Pellets not included.

2. IRON ORE : Production

(thousand tonnes, Fe content)[1]

Region country or area	% Fe	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD		**425038**	**483895**	**500728**	**502982**	**515812**	**550149**	**566490**	**557233**	**536478**	**506960**
DEVELOPED MARKET ECONOMY COUNTRIES		**124423**	**155394**	**158570**	**149631**	**154852**	**161136**	**172251**	**169540**	**173138**	**165118**
AMERICA		**44325**	**56564**	**54934**	**46995**	**51926**	**60375**	**62587**	**57857**	**58578**	**56811**
Canada	63.3	21189#	25304#	25216#	23229#	23340#	25865#	26022#	22808#	23491	21808
United States	63.2	23136	31260	29718	23766	28586	34509	36575	35049	35085	34705
EUROPE		**21786**	**24577**	**24801**	**24878**	**22044**	**21354#**	**21019#**	**19058#**	**18835#**	**17825#**
EEC		*9388*	*9101*	*8596*	*7815*	*5816*	*5152#*	*5124#*	*4057#*	*4067#*	*2985#*
Belgium-Luxembourg	-	10	-	-	-	-	-	-	-	-	-
France	29.8	4854	4509	4529	4198	3566	3119#	2945#	2650#	2255#	1643#
Germany	14.0	294	294	309	212	66	10#	14#	12#	17#	15#
Greece	-	558	624	736	559	-	-	-	-	-	-
Portugal	-	17	17	36	26	15	13#	10	10	10	-
Spain	48.1	3553#	3558#	2926#	2761#	2109#	1961#	2148#	1373#	1773#	1321#
United Kingdom	20.4	99	99	60	59	58	40#	7#	12#	12#	6#
EFTA		*12400*	*15476*	*16205*	*17063*	*16228*	*16202*	*15995*	*15002*	*14768*	*14540*
Austria	32.8	1132	1152	1056	1036	976#	744#	781#	749#	691	536
Finland	-	576	594	529	432#	402	373#	-	-	-	-
Norway	65.0	2301	2496	2256	2379	2041	1692#	990#	1352#	1436#	1389#
Sweden	65.9	8391	11234	12365	13246#	12809	13393#	14124#	12901#	12641#	12703#
SOUTH AFRICA	**65.4**	**10783**	**15922**	**16210**	**15914**	**14297**	**16461#**	**19481#**	**19689**	**19815**	**18490#**
ASIA		**174**	**186**	**197**	**182**	**168**	**158**	**136**	**112**	**22**	**22**
Japan	54.0	174	186	197	182	168	158	136	112	22	22
OCEANIA		**47345**	**58145**	**63429**	**61882**	**66217**	**62798**	**69038**	**71823#**	**76886**	**72500**
Australia	62.0	46135#	56885#	62042#	60082#	64798#	61494#	67718#	70560#	75640	71300
New Zealand	55.0	1210	1260	1386	1800	1419	1294	1320	1263#	1246	1200
DEVELOPING COUNTRIES AND TERRITORIES		**123429**	**144164**	**153531**	**161793**	**169879**	**190232**	**196792#**	**181882**	**179630**	**170785**
AFRICA		**17524E**	**19982E**	**19514**	**19272**	**19250**	**18695**	**19347**	**13534**	**11066**	**9381**
Algeria	52.0	1842	1880	1705	1879	1691	1598	1429#	1524#	1404	1404
Egypt	53.0	750E	850E	950	950	1120#	1250#	1250	1287#	1261#	1046#
Liberia	67.0	9400	9821	9833	9516	9250	8581	8241	2887	804	1142
Mauritania	61.1	4369#	5850#	5982#	6020#	5929#	6356#	7401#	7009#	6626#	4945#
Morocco	60.0	176	116	81	116	116	71#	75#	30#	32#	43#
Sierra Leone	-	192	224E	37	-	-	-	-	-	-	-
Tunisia	50.0	155	158	158	158	131	113	95	96	96	94
Zimbabwe	58.3	640E	704	768	833#	1014	724#	856#	921#	873#	705#
AMERICA		**77075**	**93485**	**100748**	**103744**	**111036**	**122300**	**126992**	**124930**	**124787**	**118313**
Argentina	64.5	540	378	486	383	432	749#	437#	286	55	-
Bolivia	60.0	-	-	-	-	-	9	8	75#	61	60
Brazil	65.0	58944	71744	78323#	80771	87168#	97090#	102241#	98997#	97927#	94783#
Chile	64.1	3205	3466	3683	4145#	4017	4778#	5267#	5111#	5572#	4586
Colombia	45.3	205#	196#	205#	235#	399#	277#	270	283#	275#	317
Mexico	66.8	5220	6510	5161	4960	5200	5167#	5013#	5435#	6104	5186#
Peru	66.2	2814	2698	3329	3364#	3674	2684#	2538	2182#	2379#	1920
Venezuela	63.5	6147	8491	9561	9886#	10146	11547#	11218#	12580#	12414#	11461#
ASIA		**29073**	**29386**	**31516**	**39859**	**37678**	**37483**	**38412**	**41488**	**43048**	**42473**
India	63.0	23693#	26750#	27916#	32392#	32550#	31720#	32484#	34369#	35837	34589
Iran,Islamic Rep.of	61.6	-	-	550	1100	1650	2385	3096	3025	3811	4312
Malaysia	60.0	58	90	90	118	112	121#	116#	204	230	182
Republic of Korea	60.0	384	308	302	297	298	370	191#	199#	174#	330
Thailand	60.0	42	37	56	22	58	59	96	79	137	275#
Turkey	59.0	1900#	2200#	2600#	2730#	3020#	2829#	2427#	3619#	2856#	2822#
Other Asia		18	1	-	-	-	-	-	3	3	36
EUROPE		**1758**	**1701**	**1753**	**2118**	**1914**	**1774**	**2041#**	**1900**	**999**	**598**
Yugoslavia (former)	46.0	1758	1701	1753	2118	1914	1774	2041#	1900	999	598

2. IRON ORE : Production
(concluded)

(thousand tonnes, Fe content)[1]

Region country or area	% Fe	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
COUNTRIES IN EASTERN EUROPE		**136489**	**137696**	**138043**	**138017**	**139677**	**150608**	**146212**	**142703**	**120348**	**97749**
Bulgaria	44.3	595	681	655	719	613	603	533	321	297	155
Czechoslovakia	27.0	647	636	620	607	611	603	477#	462	470	196
Germany(former German Dem. Rep.)	-	13	12	-	-	-	-	-	-	-	-
Hungary	-	84	75	72	-	-	-	-	-	-	-
Poland	-	3	4	4	3	2	2	2	2	2	-
Romania	51.0	397	383	457	486	456	600#	600#	318	262	198
USSR (former)	60.0	134750	135905	136235	136202	137995	148800#	144600#	141600#	119317	97200
of which											
Ukraine	58.0	..	..	..	..	..	..	..	65631#	50406#	..
Russiae	60.0	..	..	..	..	..	..	..	..	55320	49260
SOCIALIST COUNTRIES OF ASIA		**42598**	**46641**	**49584**	**53221**	**54407**	**58173**	**61235**	**64128**	**66104**	**73328**
China	35.0	38598	42641	45584	49221	50407	54173	56735	59378	61354	68578
Democratic People's Republic of Korea	35.0	4000	4000	4000	4000	4000	4000	4500	4750	4750	4750

[1] Fe content: 1 % Fe unit by weight per metric ton of marketable ore

3. IRON ORE: Production by products, 1992

(thousand tonnes, natural weight)

Country or area	Non-agglomerated						Agglomerated	
	Run of mine [1]	Lumps [2]	Fines [3]	Concentrates [4]	Pellet-feed [5]	Others	Pellets [6]	Sinter [7]
Brazil	197,100	27,370	86,910	37,430	31,540	-	22,500	24,985
Canada	-	-	-	13,838	-	-	19,625	985
Czechoslovakia	-	-	-	125	-	-	323	-
Egypt	-	1,029	949	-	-	-	-	1,853
France	5,747	-	-	-	-	-	-	-
Germany	109	-	-	-	-	-	-	-
India	-	23,191	26,366	5,315	-	-	-	-
Mauritania	1,263	1,085	4,438	1,308	-	-	-	-
Mexico	-	-	-	7,763	-	-	8,047	919
Morocco	-	47	12	11	-	-	-	-
Norway	-	-	-	2,152	-	-	-	-
Romania	-	-	-	388	-	-	-	-
South Africa	28,226	-	-	-	-	-	-	-
Sweden	-	1,046	7,815	100	-	-	10,316	-
Turkey	2,264	500	500	598	-	-	963	-
United Kingdom	28	-	-	-	-	-	-	-
Venezuela	18,430	3,610	14,444	-	-	-	-	-
Zimbabwe	-	821	387	-	-	-	-	

1 Marketable unprepared iron ore with more than 20 per cent fines.

2 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines.

3 Marketable fine ore, usually below 10mm (or similar size).

4 Marketable product from a concentrate plant.

5 Fine ore or concentrate very fine, usually below 0.1mm.

6 Iron ore fines agglomerated into a rough ball shape typically 10mm.

7 Agglomerated fines or concentrates and other iron-bearing materials.

4. PELLETS[1]: Production

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD	**162948**	**186985**	**204313**	**196474**	**211500**	**230244**	**235838**	**225217**	**211130**	**199501**
DEVELOPED MARKET ECONOMY COUNTRIES	**68038**	**91042**	**93279**	**82042**	**90817**	**103772**	**107520**	**99578**	**96319**	**94299**
AMERICA	**53355**	**71151**	**71644**	**61656**	**70031**	**82248**	**84398**	**77331**	**75117**	**74825**
Canada	16451#	20264#	23920#	23861#	24120#	26291#	27113#	22515#	20462#	19625#
United States	36904#	50887#	47724#	37795#	45911#	55957#	57285#	54816#	54655#	55000E
EUROPE	**8587**	**13290**	**14896**	**14542**	**14852**	**15015**	**16494**	**15869**	**15009**	**14387**
EEC	*700*	*4304*	*4213*	*4000*	*4200*	*4506*	*4588*	*4507*	*4013*	*2971*
Belgium-Luxembourg	700	604	613	500	500	710#	588#	663#	473#	292#
Italy	-	-	-	-	-	-	-	-	-	507#
Netherlands	..	3700	3600	3500	3700	3796#	4000#	3844#	3540#	2172#
EFTA	*7887*	*8986*	*10683*	*10542*	*10652*	*10509*	*11906*	*11362*	*10996*	*11816*
Finland	332	338	140	-	-	-	480#	-	-	-
Norway	2600	2100	1800	1700	1500	1400#	1400	1397	1211	1500
Sweden	4955	6548	8743	8842#	9152	9109#	10026#	9965#	9785#	10316#
ASIA	**3053**	**3112**	**3014**	**2506**	**2625**	**3109**	**3128**	**3378**	**3393**	**3487**
Japan	3053	3112	3014	2506	2625	3109#	3128#	3378#	3393#	3487#
OCEANIA	**3043**	**3489**	**3725**	**3338**	**3309**	**3400**	**3500**	**3000**	**2800**	**1400**
Australia	3043#	3489#	3725#	3338#	3309#	3400E	3500E	3000E	2800#	1400E
DEVELOPING COUNTRIES AND TERRITORIES	**32877**	**40331**	**42414**	**44082**	**47333**	**53637**	**54568**	**52339**	**49011**	**46879**
AFRICA	**3500**	**2600**	**3000**	**2700**	**3060**	**3390**	**3178**	**1675**	**170**	**160**
Liberia	3500	2600	3000	2700	3060#	3215#	3000	1500	-	-
Nigeria	..	..	..	..	..	175#	178#	175E	170E	160E
AMERICA	**29102**	**37661**	**38798**	**40103**	**42766**	**45273**	**45658**	**44162**	**43292**	**41248**
Argentina	546	465	495	646	465	597	658#	612	101	10E
Brazil	14480	22290	22619	24268	24852	26084#	26990#	24684#	24392#	22500#
Chile	3072	3371	3607	3317	3694#	4073#	3924#	4015#	4154#	3189
Mexico	6403	7356	6640	6663#	7400#	7937#	7582#	8298#	7634	8047#
Peru	1101	995	1785	1916	2011	1774#	1848	1304#	1360#	1800
Venezuela	3500	3184	3652	3293#	4344#	4808#	4654	5249	5651	5700E
ASIA	-	-	**535**	**1203**	**1451**	**4949**	**5673**	**6452**	**5519**	**5463**
Bahrain	-	-	400	500	-	2500E	3000E	3500E	2600E	2500E
India	-	-	100	200	587#	1467#	1887	1920	1919	2000E
Turkey	-	-	35#	503#	864#	982#	786#	1032#	1000#	963#
EUROPE	**75**	**70**	**81**	**76**	**56**	**25**	**61**	**50**	**30**	**10**
Yugoslavia (former)	75	70	81	76	56	25#	61#	50E	30E	10E
COUNTRIES IN EASTERN EUROPE	**59953**	**63302**	**65830**	**66730**	**69030**	**68235**	**68950**	**68300**	**59800**	**51323**
Czechoslovakia	153	202	223	230	230E	262#	250E	300	300	323#
USSR (former)	59800	63100	65607	66500	68800	67973#	68700#	68000#	59500	51000E
of which										
Ukraine	..	..	..	..	..	..	..	22000	22144#	..
SOCIALIST COUNTRIES OF ASIA	**2280**	**2310**	**2790**	**3620**	**4320**	**4600**	**4800**	**5000**	**6000**	**7000**
China	2280	2310	2790	3620	4320	4600E	4800E	5000E	6000E	7000E

1 - Pellets: iron ore fines agglomerated into a rough ball shape typically 10mm diameter.

5. SINTER[1]: Production

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD	**516291**	**551827**	**548757**	**544996**	**538263**	**563813**	**563461**	**544318**	**517391**	**479113**
DEVELOPED MARKET ECONOMY COUNTRIES	**218914**	**237443**	**238380**	**218590**	**208920**	**228822**	**232647**	**226714**	**226329**	**209269**
AMERICA	**18436**	**19904**	**18838**	**15361**	**15854**	**16893**	**15570**	**14139**	**13660**	**12513**
Canada	2021#	2727#	2574#	2114#	1392#	1396#	1906#	1900	1160	985#
United States	16415	17177	16264	13247	14462	15497	13664#	12239#	12500E	11528
EUROPE	**100337**	**117820**	**119521**	**109947**	**101348**	**110955**	**112787**	**110068**	**110426**	**101745**
EEC	*99129*	*107376*	*109395*	*100207*	*92012*	*101790*	*103131*	*101363*	*101416*	*92769*
Belgium-Luxembourg	15707	17340	16847	15513	15301	16556#	16116#	16306#	16436#	14827#
France	22776	23960	24556	20873	15302	21477#	21378#	20517#	19499#	18526#
Germany	26855	30827	30929	29311	26140	27833#	29753#	27230#	29064#	26582#
Italy	12656	13630	14515	13478	13008	13071#	12311#	13114#	12113#	9183#
Netherlands	2653	3523	3742	3706	3682	3901#	3668#	3945#	3797#	3795#
Portugal	360E	360E	477	492	429	452#	395#	344#	275#	428#
Spain	8253	7410	7465	6919	6600	5433#	6228#	6177#	6536#	5994#
United Kingdom	9869	10326	10864	9915	11550	13067#	13282#	13730#	13696#	13434#
EFTA	*10208*	*10444*	*10126*	*9740*	*9334*	*9165*	*9656*	*8703*	*9010*	*8976*
Austria	5551	5866	5696	5259#	4814	4431	4775#	4380#	4412#	4400E
Finland	2809	2854	2637	2761#	2837	2970#	3060#	2800E	3040#	3170#
Norway	732	627	666	620	633	673#	680	400E	400E	300E
Sweden	1116	1097	1127	1100	1050E	1091#	1141#	1123#	1158#	1106#
ASIA	**85710**	**93947**	**93929**	**87509**	**86447**	**94933**	**98190**	**96509**	**96143**	**88811**
Japan	85710	93947	93929	87509	86447	94933#	98190#	96509#	96143#	88811#
OCEANIA	**5431**	**5772**	**6092**	**5773**	**5273**	**6041**	**6100**	**6000**	**6100**	**6200**
Australia	5431	5772	6092	5773	5273	6041	6100	6000	6100E	6200E
DEVELOPING COUNTRIES AND TERRITORIES	**34144**	**40243**	**43010#**	**45583**	**47985**	**54043**	**53372**	**51206**	**55162**	**55428**
AFRICA	-	-	-	**2845**	**2680**	**4821**	**4639**	**4753**	**4736**	**4384**
Algeria	-	-	-	2670#	2500	2600E	2600E	2500E	2500E	2400E
Egypt	-	-	-	-	-	1862#	1900E	2089#	2086#	1853#
Zimbabwe	-	-	-	175#	180E	159#	139#	164#	150#	131#
AMERICA	**16889**	**21095**	**23387**	**24019**	**24253**	**27095**	**26914**	**23565**	**25804**	**26701**
Argentina	815	820	876	881	904	811	928#	838	743	700E
Brazil	14417	18880	21000#	21471	21871#	24952#	24703#	21395	23903#	24985#
Colombia	361	259	324	390	405	396	379	414#	401#	400E
Mexico	1096	1136	1187	1277	1073	936#	883#	918#	900E	916#
ASIA	**13450**	**15084**	**15318**	**14824**	**17296**	**18550**	**18060**	**19588**	**21979**	**22843**
India	7480	8102	8115	8134	9021#	9686#	10189	10000E	12991	13500E
Philippines	3101	3948	3900	3774	4307	4607	4679	5080	4750	4916#
Turkey	2869#	3034#	3303#	2916#	3968#	4257#	3192#	4508#	4238#	4427#
EUROPE	**4005**	**4064**	**4305**	**3905**	**3756**	**3777**	**3780**	**3300**	**2500**	**1200**
Yugoslavia (former)	4005#	4064#	4305#	3905#	3756#	3777#	3780#	3300E	2500E	1200E
COUNTRIES IN EASTERN EUROPE	**204613**	**207381**	**199187**	**207893**	**201948**	**199248**	**194942**	**182398**	**148900**	**123416**
Bulgaria	3000E	3000E	3196	3000	2717	2287	2365	1650E	1500E	1400E
Czechoslovakia	14315	13587	14008	14150	13000	12464	13076	12950	11700	1016#
Germany(former German Dem. Rep.)	3168	3279	3148	3296	3207	3346	3199#	2500E	-	-
Hungary	4001	3591	3332	3342	3023	2875	2900#	1773	1600E	1500E
Poland	14100E	15127	14586	15618#	15401	14054#	12993	11779	9000E	8500E
Romania	11529	13797	13570	14021	14000E	13880#	13002#	8846	6500E	4000E
USSR (former)	154500	155000E	147347	154466	150600	150342#	147407#	142900#	118600	107000E
of which Ukraine	..	..	..	..	..	..	..	64094#	54088#	..
SOCIALIST COUNTRIES OF ASIA	**58620**	**66760**	**68180**	**72920**	**79410**	**81500**	**82500**	**84000**	**87000**	**91000**
China	58620	66760	68180	72920	79410	81500	82500	84000E	87000E	91000E

1 Sinter: agglomeration of natural ore fines, ore concentrates, flue dust and other iron-bearing materials.

6. IRON ORE: Exports

(thousand tonnes, natural weight)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	% change 92/91
WORLD	**313615**	**372281**	**377178**	**364500**	**369140**	**401742**	**420349**	**394842**	**397852**	**365289**	**-8.2**
DEVELOPED MARKET ECONOMY COUNTRIES	**136716**	**162791**	**164202**	**151986**	**149254**	**169294**	**180769**	**168003**	**184952**	**171852**	-7.1
AMERICA	**28619**	**35785**	**37238**	**35548**	**34755**	**35808**	**35587**	**30240**	**33733**	**30187**	**-10.5**
Canada	24778	30712	32124	30995	29662	30523#	30222#	27041#	29688#	25132#	-15.3
United States	3841#	5073#	5114#	4553#	5093#	5285#	5365#	3199	4045#	5055#	25.0
EUROPE	**23785**	**27456**	**27724**	**25693**	**25142**	**25550**	**24716**	**23564**	**23052**	**22639**	**-1.8**
EEC[1]	*3#*	*5#*	*5#*	*6#*	*21#*	*116#*	*52#*	*411#*	*155#*	*285#*	*8.4*
Belgium-Luxembourg	-	-	15	1	3	7#	11#	16#	13#	20#	53.8
Denmark	12	7	7	5	3	4#	2#	4#	1#	1#	-
France	5031	4752	4628	4169	3740	3725#	3462#	3280#	3153#	2875#	-8.8
Germany	8	3	3	5	6	20#	7#	4#	81#	76#	-6.2
Netherlands	14	22	55	49	105	223	127	82#	65#	28#	-56.9
Spain	1579	1973	2128	1791	1991	2282#	1632#	1633#	2157#	1879#	-12.9
United Kingdom	1	-	6	1	1	2#	2#	2#	2#	2#	-
Other EEC	1	-	1	-	-	-	24	-	-	-	-
EFTA	*17139*	*20699*	*20881*	*19673*	*19293*	*19287*	*19449*	*18543*	*17580*	*17758*	*1.0*
Austria	-	1	-	8	1	-	-	-	-	-	-
Norway	2945	3083	2578	2532	2530	1757#	1987#	2113#	2098#	2281	8.7
Sweden	14194	17615	18303	17133#	16762	17530#	17462#	16430#	15482#	15477#	-
SOUTH AFRICA	**7811**	**11870**	**10226**	**8850**	**8802**	**11503#**	**14566#**	**17029#**	**15468**	**14868#**	**-3.9**
OCEANIA	**76501**	**87680**	**89014**	**81895**	**80555**	**96433**	**105900**	**97170**	**112699**	**104158**	**-7.6**
Australia[2]	74039#	85480#	86914#	79678#	78594#	94969#	104500#	96156	111458#	102810	-7.6
New Zealand	2462	2200	2100	2217	1961	1464#	1400E	1014#	1241#	1348#	8.6
DEVELOPING COUNTRIES AND TERRITORIES	**133894**	**163568**	**169096**	**166336**	**174453**	**189385**	**199700**	**190510**	**185512**	**166437**	**-10.3**
AFRICA	**24987**	**27770**	**25540**	**22920**	**22525**	**23869**	**23992**	**15325**	**11086**	**9314**	**-16.0**
Algeria	1398	974	7	48	13	-	20#	18#	15E	10E	-33.3
Liberia	15704	16870	16100	13940	13510	13779	12747	3887#	1015	1273	25.4
Mauritania	7385#	9526#	9333#	8929	9002	10005#	11138#	11356#	9994#	7980#	-20.2
Morocco	-	-	-	-	-	80#	82#	59#	62#	51#	-17.7
Other Africa	500	400	100	3	-	5	5E	5E	-	-	-
AMERICA	**85107**	**106148**	**110856**	**111521**	**118745**	**128672**	**137539**	**137993**	**138157**	**125103**	**-9.4**
Bolivia	-	-	-	-	-	15	25#	225#	102#	50	-50.5
Brazil	69961	88571#	91781#	92288#	97288#	105303#	111641#	114296#	114681#	106035#	-7.5
Chile	4700	5600	4800	4846#	5329#	6397#	7422#	6546#	7406#	5723	-22.7
Mexico	-	-	-	-	-	-	- #	-	-	91#	..
Peru[2]	4200	4091	5242	4360#	4430	4668#	4014	3306#	2582#	2975	15.2
Venezuela	6246	7886	9033	10027#	11698	12289	14437	13620#	13386	10229#	-23.6
ASIA	**23800**	**29650**	**32700**	**31905**	**33183**	**36845**	**38161**	**36667**	**35969**	**31820**	**11.5**
India	20700	25700	28800	28135#	28981	32079#	33479#	31585#	31167	27900E	-10.5
Philippines	3100E	3950	3900	3770	4202	4764	4680	5080	4800	3920	-18.3
Other Asia	-	-	-	-	-	2#	2#	2E	2	..	..
EUROPE	**-**	**-**	**-**	**-**	**-**	**-**	**8**	**533**	**300**	**200**	**-33.3**
Yugoslavia (former)	-	-	-	-	-	-	8#	533	300E	200E	-33.3
COUNTRIES IN EASTERN EUROPE	**43005**	**45922**	**43880**	**46168**	**45433**	**43063**	**39880**	**36321**	**27388**	**27000**	**-1.4**
USSR (former)	42805	45922	43880	46168#	45433#	43063#	39880#	36321#	27388#	27000E	-1.4
of which											
Russia	..	..	..	..	..	..	..	11615#	9836#	8600	-12.6

1 EEC total: excluding the Community's internal trade.

2 Dry weight.

7. IRON ORE: Exports[1]

(thousand tonnes, Fe content)

Region country or area	% Fe	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD		**193450**	**230269**	**232835**	**228932**	**230052**	**254399**	**266346**	**247850**	**250622**	**230845**
DEVELOPED MARKET ECONOMY COUNTRIES		**84762**	**100145**	**99593**	**93383**	**92981**	**105965**	**113333**	**105199**	**114643**	**106745**
AMERICA		**18054**	**22591**	**23479**	**22450**	**21957**	**22952**	**22799**	**19105**	**21325**	**19102**
Canada	63.3	15610	19349	20211	19527	18687	19596#	19403#	17101	18769	15908
United States	63.2	2444#	3242#	3268#	2923#	3270#	3356#	3396#	2004#	2556	3194
EUROPE		**13142**	**14996**	**15143**	**14089**	**13914**	**14917**	**14508**	**13889**	**13496**	**13469**
EEC		*1*	*2*	*2*	*2*	*7*	*39*	*18*	*139*	*52*	*85*
Belgium-Luxembourg	31.5	-	-	5	-	1	2	3	5	4	6
Denmark	-	5	3	3	2	1	1	-	-	-	-
France	31.5	1560	1473	1435	1292	1159	1154	1073	1033	993	905
Germany	15.0	2	1	1	1	1	4	1	1	12	11
Netherlands	57.0	8	13	32	28	60	127	72	47	37	16
Spain	46.0	853	1065	1080	968	1075	1232	881	751	992	864
United Kingdom	22.5	-	-	4	-	-	-	-	..	..	..
EFTA		*10714*	*12441*	*12583*	*11798*	*11617*	*12397*	*12478*	*12052*	*11458*	*11667*
Norway	65.0	1914	1696	1418	1294	1392	967	1093	1373	1364	1483
Sweden	65.8	8800	10745	11165	10504	10225	11430	11385	10679#	10094#	10184#
SOUTH AFRICA	**65.0**	**4914**	**7497**	**6426**	**5607**	**5544**	**7247**	**9176**	**11069**	**10035**	**9664**
OCEANIA		**48652**	**55061**	**54545**	**51237**	**51566**	**60849**	**66850**	**61136**	**69787**	**64510**
Australia	62.0	47298	53851	53390	50027#	50583	60115	66148	60578	69104	63742
New Zealand	57.0	1354	1210	1155	1210	983	734	702	558	683	768
DEVELOPING COUNTRIES AND TERRITORIES		**85893**	**105785**	**109986**	**110667**	**112992**	**122596**	**129085**	**120859**	**119546**	**107900**
AFRICA		**16336**	**18205**	**16896**	**15527**	**14909**	**15782**	**15839**	**10032**	**7211**	**6076**
Algeria	52.0	699	487	4	23	6	-	10#	9#	8	5
Liberia	67.0	10522	11303	10787	9700	9052	9231	6540	2607	670	853
Mauritania	65.0	4812	6175	6045	5804	5851	6503	7240	7381	6496#	5187#
Morocco	60.0	-	-	-	-	-	48	49	35	37	31#
Other Africa		303	240	60	-	-	-	-	-	-	-
AMERICA		**54739**	**68604**	**72162**	**72100#**	**76846**	**83555#**	**89159#**	**87303#**	**89365**	**81534#**
Brazil	65.0	44775	56685	59658#	59987	63237	68447	72547	72292#	74542	68923
Chile	66.0	3196	3808	3264	3179#	3553	4254	4935	4320#	4740#	3777
Mexico	65.8	-	-	-	-	-	-	-	-	-	59
Peru	65.9	2772	2700	3460	2817#	2920	3010	2589	2179#	1717#	2306
Venezuela	63.2	3996	5411	5780	6117#	7136	7844#	9088#	8512#	8366	6469#
ASIA		**14818**	**18976**	**20928**	**23040**	**21237**	**23259**	**24067**	**23279**	**22832**	**20198**
India	63.4	12834	16448	18432	20624	18548	20210	21092	20028	19760	17689
Philippines	64.0	1984	2528	2496	2416	2689	3049	2995	3251	3072	2509
EUROPE		-	-	-	-	-	-	-	**245#**	**138**	**92**
Yugoslavia (former)	46.0	-	-	-	-	-	-	-	245#	138	92
COUNTRIES IN EASTERN EUROPE		**22795**	**24339**	**23256**	**24882**	**24079**	**25838#**	**23928#**	**21793#**	**16433**	**16200**
USSR (former)	60.0	22687	24339	23256	24882	24079	25838#	23928#	21793#	16433	16200
of which Russia	60.0	..	..	..	..	..	..	..	6969	5902	5160

1 Exports: Quantities of iron ore units exported during the calendar year.

2 EEC total: excluding the Community's internal trade.

8. IRON ORE: Network of exports by major region of destination, 1992

(million tonnes, natural weight)

Exports from \ Exports to	World	Developed market economy countries					Developing countries	Eastern Europe	Socialist Asia [1]
		Total	United States	Japan	EEC	Others			
WORLD	**365.3**	**253.3**	**12.6**	**110.8**	**113.4**	**15.5**	**66.0**	**23.5**	**23.5**
DEVELOPED MARKET ECONOMY COUNTRIES	**171.9**	**123.5**	**6.9**	**57.2**	**48.5**	**10.9**	**32.8**	**0.7**	**14.9**
Australia[2]	102.8	63.0	-	49.9	11.1	2.0	26.1	-	13.7
Canada	25.1	23.8	6.8	1.2	15.5	0.3	1.2	0.1	-
EEC	4.9	4.6	-	-	4.6	-	-	0.3	-
Sweden	15.5	12.9	0.1	0.0	10.9	1.9	2.5	0.1	-
South Africa	14.9	10.9	-	4.8	4.3	1.5	3.0	0.1	1.2
Others	8.7	8.6	-	1.3	2.1	5.2	0.0	0.1	-
DEVELOPING COUNTRIES AND TERRITORIES	**166.4**	**125.9**	**5.7**	**53.6**	**64.5**	**1.1**	**31.4**	**1.5**	**8.6**
Brazil	106.0	77.7	2.6	26.6	47.6	0.8	21.4	1.2	5.7
Chile	5.7	4.7	-	3.9	0.8	-	1.0	-	-
India	27.9	19.1	-	16.6	2.2	0.3	6.1	0.1	2.6
Liberia	1.3	1.3	-	-	1.3	-	-	-	-
Mauritania	8.0	7.9	0.3	0.2	7.4	-	0.1	-	-
Peru	3.0	0.7	0.1	0.6	-	-	2.0	-	0.3
Venezuela	10.2	9.5	2.7	1.7	5.1	-	0.5	0.2	-
Others	4.3	4.0	-	3.9	0.1	-	0.3	-	-
COUNTRIES IN EASTERN EUROPE	**27.0**	**3.9**	**-**	**-**	**0.4**	**3.5**	**1.8**	**21.3**	**-**

Note: On the basis of information available to the secretariat as of 15 July 1992.

[1] Socialist Asia: mainly to China (98%).

[2] Dry weight.

9. PELLETS: Exports

(thousand tonnes)

Country or area	1986	1987	1988	1989	1990	1991	1992
Australia	1,706	2,111	2,011	1,624	1,668	692	600E
Brazil	22,254	19,962	23,765	23,335	20,040	23,975	21,259
Canada	17,488	13,078	17,569	17,325	12,751	14,374	13,298
Chile	3,013	3,284	3,549	3,587	3,423	3,809	2,752
India[1]	154	825	1,640	1,923	1,717	1,300	1,546
Liberia	3,188	3,227	3,201	3,320	1,455	0	0
Norway	..	..	1,060	1,052	1,247	1,337	773
Peru	1,499	1,752	1,515	1,503	1,153	840	1,800
Sweden	6,259	6,143	6,535	6,494	6,499	6,361	6,702
United States	4,551	5,049	5,232	2,874	3,018	4,016	4,653
USSR	10,927	10,866	10,892	11,507	12,316	10,043	10,000E
Venezuela	22	434	849	1,159	1,184	922	1,123
TOTAL	**71,061**	**66,731**	**75,703**	**74,929**	**72,490**	**67,698**	**64,506**

[1] Fiscal year (April to March) until 1989.

10. IRON ORE: Imports

(thousand tonnes, natural weight)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	% change 92/91
WORLD	**316730**	**369129**	**378553**	**367183**	**370093**	**398796**	**408562**	**399384**	**394471**	**373032**	**-5.4**
DEVELOPED MARKET ECONOMY COUNTRIES	**232966**	**277108**	**280268**	**262928**	**261008**	**288040**	**292696**	**289303**	**288821**	**264157**	**-8.5**
AMERICA	**17553**	**22383**	**21824**	**22384**	**22080**	**24917**	**15954**	**22166**	**17955**	**17781**	**-1.0**
Canada	4013	4947	5800	5367	5213	4791#	5348#	4113#	4620#	5280#	14.3
United States	13540	17436	16024	17017	16867	20126	10606	18053	13335	12501#	-6.3
EUROPE	**106209**	**129302**	**133907**	**125251**	**126852**	**139277**	**147161**	**140479**	**140734**	**130433**	**-7.3**
EEC[1]	*92243#*	*113790#*	*119556#*	*115543#*	*118507#*	*126564#*	*136079#*	*124286#*	*126675#*	*118222#*	*-6.7*
Belgium-Luxembourg	17520	19628	18997	18056	18385	20795#	19787#	20278#	19486#	17995#	-6.7
Denmark	63	1	2	3	8	3#	6#	3#	2#	2#	-
France	12553	16088	16220	16191	15056	18727#	19955#	18807#	18206#	17367#	-4.6
Germany[2]	35499	42500	45007	41632	39583	45169#	47170#	43730#	43288	41317#	-4.6
Greece	-	-	-	2	-	-	-	-	-	-	-
Italy	13798	19240	18295	17601	16523	16200#	18201#	17203#	17855#	15064#	-15.6
Netherlands	4979	7238	8507	7066	7049	7562	8153	8303	7892	7523	-4.7
Portugal	471	375	683	543#	764	477#	689#	449#	466#	565#	21.2
Spain	4202	4221	5023	4286	5767	5556#	6935#	6705#	7596#	7098#	-6.6
United Kingdom	13169	14160	15405	14558	18028	17867#	19179#	17622	18523	15799#	-14.7
EFTA	*3955*	*5851*	*5768*	*5312*	*5689*	*6921*	*7086*	*7397*	*7420*	*7703*	*3.8*
Austria	2391	3890	3685	3204#	3311	4164	4192#	3892#	3968#	3915	-1.3
Finland	1299	1856	1756	1987#	2261	2400#	2600#	3158	3070#	3308#	7.8
Iceland	13	16	23	25	17	23	17	18	17	17	-
Norway	225	40	230	18	21	193#	23#	12#	27#	108	300.0
Sweden	19	39	68	67#	70#	129	254#	317#	338#	355#	5.0
Switzerland	8	10	6	11	9	12	-	-	-	-	
ASIA	**109152**	**125371**	**124513**	**115234**	**112034**	**123377**	**127709**	**125290**	**127186**	**113743**	**-10.6**
Japan	109152	125371	124513	115234	112034	123377#	127709#	125290#	127186#	113743#	-10.6
OCEANIA	**52**	**52#**	**24**	**59**	**42**	**469**	**1872**	**1350**	**2946**	**2200**	**-25.3**
Australia	52#	52#	24#	59#	42#	469#	1872#	1350E	2946#	2200E	-25.3
DEVELOPING COUNTRIES AND TERRITORIES	**26447**	**28819**	**31472**	**34395**	**38473**	**42574**	**52250**	**50546**	**56404**	**59078#**	**4.7**
AFRICA	**11**	**16**	**13**	**71**	**63**	**198**	**858**	**367**	**228**	**1484#**	**6.5**
Algeria	-	16	-	-	-	-	-	-	-	-	-
Egypt	..	..	..	..	..	..	..	..	..	1264#	..
Nigeria	-	-	-	-	-	152#	770E	300E	150E	150E	-
Tunisia	11	-	13	71	63	46	88	67	78	70E	-10.3
AMERICA	**1904**	**2213**	**2455**	**3283**	**3387**	**3590**	**4476**	**4499**	**3360**	**4545**	**35.3**
Argentina	1904	2213	2455	3183	3342	3131#	3816#	3148#	2310#	3574#	54.7
Mexico	-	-	-	100#	45	459#	660#	363#	150E	21#	-86.0
Trinidad and Tobago	..	..	..	..	..	..	..	988#	900E	950E	5.6
ASIA	**22964**	**25024**	**26824**	**29694**	**33942**	**37300**	**44611**	**43682**	**51016**	**51849**	**1.6**
Indonesia	1100E	900E	1600E	1400E	1400E	1400E	2000#	2000E	2000E	2100E	5.0
Malaysia	28	414	831	1026	819	452#	912#	1233	1160	1000E	-13.8
Pakistan	914	922	1243	1469	1105	1528	1393	1162	1605	998	-37.8
Qatar	580	752	840E	800E	700E	800E	900E	900E	1000E	1000E	-
Republic of Korea	10121	10287	11167	11941	16607	16479	22790#	22500#	28440#	31779	11.7
Saudi Arabia	288	965	1044	1385	1478	1245	1652	1468	1500E	1450E	-3.3
Taiwan Province of China	5004	5228	4939	5358	6140	8477	8370	7760	8433	7251	-14.0
Turkey	1546#	1849#	1747#	2428#	1532#	2369#	2243#	1952#	2509#	1844#	-26.5
United Arab Emirates	170	100E	100E	180	160	140E	150E	100E	100E	120E	-20.0
Philippines	3200E	3600E	3300E	3700E	4000E	4400E	4200E	4600#	4265	4300E	0.8
Other Asia	13	7	13	7	1	10E	1	7	4E	8E	100.0
EUROPE	**1568**	**1566**	**2180**	**1347**	**1081**	**1486**	**2305**	**1998**	**1800**	**1200**	**-33.3**
Yugoslavia (former)	1568	1566	2180	1347	1081	1486#	2305#	1998#	1800E	1200E	-33.3

10. IRON ORE: Imports
(concluded)

(thousand tonnes, natural weight)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	% change 92/91
COUNTRIES											
IN EASTERN EUROPE	**52820**	**57032**	**56399**	**57315**	**57915**	**54583**	**50323**	**44493**	**30088**	**23926**	**-22.6**
Bulgaria	2313	2286	2215	2248	2308	2112	1920	1964#	551#	416#	-24.5
Czechoslovakia	15305	15307#	15298#	15409#	15088#	14718#	14073#	14173#	12028	11764#	-2.2
Germany(former G.D.R.)	2971	3179	4324	4100E	4300E	4200E	4000E	2800E	-	-	-
Hungary	3967	4170	2382	3414	3403	2885#	3263#	3202#	2700E	2400E	-11.1
Poland	13787	17127	16973	16644#	17116	16668#	13441#	11013#	7419	7000E	-5.6
Romania	14477	14963	15207	15500	15700E	14000E	13626#	11341#	7390E	2346#	-68.3
SOCIALIST COUNTRIES											
OF ASIA	**4497**	**6170**	**10414**	**12546**	**12698**	**13600**	**13293**	**15043**	**19158**	**25871**	**35.0**
China	4385	5970	10114	12046	12098	12900E	12593#	14343	18458	25171	36.4
Other Socialist Asia	112E	200E	300E	500E	600E	700E	700E	700E	700E	700E	-

1 EEC total excluding the Community's internal trade.

2 From 1991, unified territory of Germany.

11. EEC: Iron ore imports by origin/destination, 1992

(thousand tonnes, natural weight)

Origin \ Destination	Germany	France	Italy	Netherlnds	Belgium Luxembrg	United Kingdom	Denmark	Spain	Portugal	EEC
Non agglomerated ores[1]										
Total	*27,534*	*16,403*	*12,431*	*7,523*	*17,340*	*14,114*	*2*	*4,875*	*425*	*96,163* [a]
of which:										
EEC	3	205	75	379	2,977	840	-	0	5	-
Australia	5,711	3,787	2,202	1,377	1,169	4,698	-	675	-	19,629
Brazil	12,967	6,702	4,466	2,465	6,722	2,778	-	2,069	-	38,069
Canada	4,246	1,344	390	562	1,293	1,679	-	232	95	9,841
Liberia	224	201	576	-	131	-	-	183	224	1,539
Mauritania	346	1,722	1,539	21	1,509	946	-	766	-	6,849
Norway	342	604	-	-	222	169	-	-	-	1,337
South Africa	659	332	1,306	9	75	1,708	-	0	-	4,089
Sweden	2,290	353	-	1,575	1,915	341	2	-	-	6,476
Venezuela	562	463	673	606	1,014	946	-	810	-	5,074
Others	284	680	1,204	529	313	9	-	140	101	3,260
Agglomerated ores[2]										
Total	*13,783*	*964*	*2,633*	-	*655*	*1,685*	-	*2,223*	*140*	*22,059* [a]
of which:										
EEC	-	-	-	-	-	24	-	0	-	-
Australia	4	-	-	-	-	522	-	-	-	526
Brazil	5,432	-	1,856	-	-	-	-	170	-	7,458
Canada	2,656	828	573	-	45	701	-	363	140	5,306
Liberia	-	-	-	-	-	-	-	-	-	-
Mauritania	-	-	-	-	-	-	-	-	-	-
Norway	914	1	-	-	156	349	-	-	-	1,420
South Africa	-	2	-	-	-	89	-	-	-	91
Sweden	3,678	61	-	-	448	-	-	-	-	4,187
Venezuela	-	-	66	-	-	-	-	60	-	126
Others	1,099	72	138	-	6	-	-	1,630	-	2,945
Total	**41,317**	**17,367**	**15,064**	**7,523**	**17,995**	**15,799**	**2**	**7,098**	**565**	**118,222** [a]

Notes: Greece and Ireland are not concerned.

1 Non-agglomerated ores: fines; lumps; pellet-feed and concentrates.

2 Agglomerated ores: pellets or sinter.

[a] Third countries only.

12. EASTERN EUROPE: Iron ore imports by origin/destination, 1992

(thousand tonnes, natural weight)

Origin \ Destination	Poland	Romania	Czechoslovakia	Hungary	Bulgaria
Brazil	340	210	703	-	-
India	-	-	6	-	-
Norway	20	-	-	10	-
Sweden	5	-	25	-	-
USSR(former)	6,300	1,700	10,405	1,490	388
of which: Ukraine	..	..	..	..	*24*
Venezuela	-	240	43	-	-
Others	335	196	582	900	5
Total	**7,000E**	**2,348**	**11,764**	**2,400E**	**416**

13. JAPAN: Iron ore imports by origin, 1992

(thousand tonnes, dry weight)

Origin	Non-agglomerated[1]	Agglomerated[2]	Total
Australia	51,730	339	52,069
Brazil	23,034	3,723	26,757
Canada	1,231	-	1,231
Chile	2,186	1,811	3,997
India	16,478	95	16,573
Philippines[4]	-	3,892	3,892
South Africa	4,845	0	4,845
Total	**103,742**	**10,001**	**113,743**

1 Non-agglomerated ores: fines; lumps; pellet-feed and concentrates.

2 Agglomerated ores: pellets or sinter.

3 Iron ore sands.

4 Sinter produced from fines imported via Japan.

14. REPUBLIC OF KOREA: Iron ore imports by origin, 1992

(thousand tonnes, natural weight)

Origin	Non-agglomerated[1]	Agglomerated[2]	Total
Austria	97	-	97
Australia	15,045	165	15,210
Brazil	7,709	61	7,770
Canada	948	-	948
Chile	629	374	1,003
India	4,121	-	4,121
Peru	1,278	676	1,954
United States	118	-	118
Others	557	-	557
Total	**30,459**	**1,276**	**31,778**

1 Non-agglomerated ores: fines; lumps; pellet-feed and concentrates.

2 Agglomerated ores: pellets or sinter.

15. IRON ORE: Value of Exports[1]

(million dollars)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD	**6536.6**	**7015.2**	**7042.7**	**6909.2**	**6885.2**	**7476.1**	**8181.1**	**8424.2**	**8415.6**	**7718.4**
DEVELOPED MARKET ECONOMY COUNTRIES	**2927.3**	**3141.8**	**3120.4**	**2880.0**	**2698.7**	**3034.7**	**3369.9**	**3680.8**	**3933.8**	**3731.9**
AMERICA	**956.0**	**1098.0**	**1097.3**	**1001.9**	**928.9**	**1010.7**	**992.0**	**842.6**	**934.1**	**852.2**
Canada	773.3	858.7	857.1	797.1	730.6	816.9#	799.3#	719.4#	777.7#	665.4
United States	182.7	239.3	240.2	204.8	198.3	193.8	192.7	123.2#	156.4#	186.8#
EUROPE	**366.8**	**433.1**	**458.0**	**404.0**	**441.1**	**474.8**	**536.0**	**568.7**	**520.2**	**585.4**
EEC[2]	*0.4#*	*0.6#*	*0.5#*	*0.9#*	*1.0#*	*1.1#*	*2.2#*	*5.7#*	*3.7#*	*5.3#*
Belgium-Luxembourg	-	-	0.8	0.1	0.2	0.7#	0.8#	1.4#	0.9#	1.2
Denmark	0.2	0.1	0.1	0.1	0.1	-	-	-	-	-
France	26.3	21.7	21.8	26.2	28.7	29.6#	27.1#	31.1	29.6#	28.7#
Germany	0.5	0.4	0.3	0.5	0.7	1.1#	0.8#	0.6#	2.3#	2.5
Greece	-	-	-	-	-	-	24.0#	-	-	-
Italy	0.1	0.1	-	0.1	-	-	0.2#	0.1#	0.1#	0.1#
Netherlands	1.5	1.3	2.5	1.2	5.3	7.7#	6.1	5.3	4.8#	3.0#
Spain	14.3	16.2	19.3	16.3	17.5	19.5#	15.3#	17.7#	27.9#	23.7#
United Kingdom	0.1	-	0.1	0.2	0.2	0.3#	0.2#	0.5#	0.4#	0.5#
EFTA	*323.8*	*393.3*	*413.3*	*359.3*	*388.4*	*415.9*	*481.5*	*512.0*	*454.2*	*525.7*
Austria	-	0.1	-	0.3	-	-	-	-	-	-
Norway	69.6	66.4	54.8	55.3	53.4	42.5#	50.0#	61.5#	63.7#	66.3
Sweden	254.2	326.8	358.5	303.7#	335.0	373.4	411.5#	450.5#	390.5	459.4#
SOUTH AFRICA	**158.8**	**168.1**	**145.7**	**132.1**	**131.8**	**146.1#**	**209.2#**	**290.0#**	**265.2#**	**210.0#**
OCEANIA	**1445.7**	**1442.6**	**1419.4**	**1322.0**	**1198.9**	**1403.1**	**1632.7**	**1970.5**	**2194.3**	**2075.3**
Australia	1420.0#	1421.0#	1400.0#	1300.9#	1181.6#	1390.8#	1620.0#	1960.0#	2183.0#	2060.0
New Zealand	25.7	21.6	19.4	21.1	15.3	12.3#	12.7#	10.5#	11.3#	15.3#
DEVELOPING COUNTRIES AND TERRITORIES	**2643.4**	**2913.1**	**3021.1**	**2927.2**	**2971.1**	**3298.1**	**3763.6**	**3757.2**	**3736.8**	**3285.2**
AFRICA	**403.1**	**438.3**	**420.3**	**384.6**	**352.1**	**365.0**	**473.1**	**315.0**	**217.6**	**194.4**
Algeria	16.0	10.7	0.1E	0.5	0.2E	-	0.3#	0.3E	0.2E	0.2E
Liberia	267.3	282.2	279.4	241.0	217.9	220.0E	286.0E	93.0E	24.0E	29.0E
Mauritania	114.0#	141.1#	148.7#	143.0#	134.0#	143.5#	185.1#	220.2#	192.0E	164.1#
Morocco	-	-	-	-	-	1.3#	1.5E	1.3#	1.4#	1.1E
Other Africa	5.8E	4.3E	1.1E	0.1	-	0.2	0.2	0.2	-	-
AMERICA	**1774.9**	**1971.2**	**2031.3**	**2017.6**	**2052.0**	**2286.1**	**2647.5**	**2876.3**	**3043.3**	**2650.0**
Bolivia	..	..	..	..	..	0.2	0.3	3.0E	1.4E	0.6
Brazil	1426.5E	1605.3	1658.0	1624.0	1615.4#	1900.4#	2176.0#	2436.5#	2603.9#	2303.4#
Chile	112.0	111.0	91.0	92.3#	95.7#	105.4	141.0E	125.0#	141.0E	108.0E
Peru	74.8	57.9	72.8	74.3#	70.9	61.0#	60.2E	51.8#	42.0E	45.0E
Venezuela	161.6E	197.0E	209.5E	227.0E	270.0	219.1#	270.0E	260.0E	255.0E	193.0E
ASIA	**465.4**	**503.6**	**560.5**	**525.0**	**567.0**	**647.0**	**642.0**	**562.0**	**473.4**	**439.2**
India	371.9	409.6	477.5	435.0#	470.0E	540.0E	570.0E	485.0#	395.0E	360.2E
Philippines	93.0E	94.0E	83.0E	90.0E	97.0E	107.0E	72.0E	77.0E	78.4	79.0E
Other Asia	0.5	-	-	-	-	-	- #	-	-	-
EUROPE	-	-	-	-	-	-	**1.0**	**3.9**	**2.5**	**1.6**
Yugoslavia (former)	-	-	-	-	-	-	1.0#	3.9#	2.5E	1.6E
COUNTRIES IN EASTERN EUROPE	**965.9**	**960.3**	**901.2**	**1122.0**	**1215.4**	**1143.3**	**1047.6**	**986.2**	**745.0**	**730.0**
USSR (former)	960.9	960.3	901.2	1122.0	1215.4	1143.3	1047.6	986.2#	745.0E	730.0E

[1] Value of exports: f.o.b. value of iron ore exported, converted to United States dollars using exchange rates indicated by governments, or converted on the basis of exchange rates supplied by I.M.F.

[2] EEC total excluding the Community's internal trade

16. IRON ORE: Value of Imports[1]

(million dollars)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD	**8274.1**	**8793.2**	**9004.6**	**8788.0**	**8408.5**	**9026.6**	**10453.9**	**11121.6**	**11421.6**	**10743.8**
DEVELOPED MARKET ECONOMY COUNTRIES	**6463.5**	**6883.8**	**6918.1**	**6619.1**	**6297.0**	**6815.6**	**7668.6**	**8383.6**	**8476.7**	**7765.4**
AMERICA	**717.3**	**854.1**	**809.2**	**760.9**	**672.6**	**783.9**	**720.2**	**793.3**	**596.3**	**579.7**
Canada	189.3	226.1	255.6	212.0	194.6	185.1#	197.9#	146.1#	159.7#	184.1
United States	528.0E	628.0E	553.6	548.9	478.0	598.8	522.3#	647.2#	436.6#	395.6#
EUROPE	**2599.3**	**2829.1**	**3083.5**	**3098.1**	**3005.9**	**3203.8**	**3771.1**	**4186.2**	**4147.6**	**3939.7**
EEC[2]	*2323.3#*	*2508.2#*	*2721.5#*	*2829.1#*	*2814.6#*	*2898.6#*	*3298.4#*	*3612.4#*	*3799.6#*	*3520.8#*
Belgium-Luxembourg	278.5	307.7	336.5	335.2	341.1	390.5#	404.2#	485.1#	497.4#	472.3#
Denmark	2.8	0.3	0.4	0.8	0.9	- #	1.1	0.8#	0.7#	0.6
France	311.7	338.9	359.5	347.7	300.2	377.5#	473.6#	510.6#	521.0#	487.8#
Germany	965.9	1029.2	1122.9	1266.7	1121.0	1172.6#	1328.2#	1472.1#	1458.8#	1419.0#
Greece	-	-	0.1	0.3	-	- #	-	-	-	-
Italy	349.4	432.0	407.9	389.3	354.4	289.9#	455.9#	472.4#	502.4#	425.3#
Netherlands	100.4	137.0	166.7	154.2	146.8	146.0	144.0	174.0	160.9	171.1
Portugal	12.1	9.5	17.5	12.8	18.6	13.0#	18.7#	14.8#	17.4#	16.8#
Spain	111.3	106.9	125.2	100.7	125.5	138.9#	193.8#	207.6#	232.0#	204.4#
United Kingdom	353.5	302.9	371.8	341.7	432.7	473.5#	502.2#	588.3#	512.3#	480.0#
EFTA	*113.7*	*164.7*	*155.0*	*148.7*	*164.7*	*201.9*	*249.4*	*260.5*	*244.7*	*262.4*
Austria	75.5	121.8	111.3	99.2	110.6	144.3	143.6	152.7	134.7	147.2
Finland	32.3	39.4	36.5	44.7#	49.5	45.4#	95.0#	96.0	92.4#	97.4
Iceland	0.6	0.6	0.9	1.0	0.7	1.0	0.8	0.9	0.9	0.8
Norway	4.3	1.3	3.7	0.7	0.8	5.3#	0.9#	0.9#	1.1#	3.4#
Sweden	0.8	1.4	2.5	2.9#	2.9	5.7	9.1	10.0#	15.6	13.6#
Switzerland	0.2	0.2	0.1	0.2	0.2	0.2	-	-	-	-
ASIA	**3145.4**	**3199.1**	**3044.9**	**2759.3**	**2618.4**	**2852.7**	**3137.3**	**3374.1**	**3644.8**	**3194.4**
Japan	3145.4	3199.1	3044.9	2759.3	2618.4	2852.7	3137.3	3374.1	3544.8	3194.4#
OCEANIA	**1.5**	**1.5**	**0.5**	**0.8**	**0.1**	**5.2**	**40.0**	**30.0**	**68.0**	**51.6**
Australia	1.5#	1.5	0.5	0.8#	0.1#	5.2#	40.0#	30.0#	68.0E	51.6
DEVELOPING COUNTRIES AND TERRITORIES	**737.3**	**807.0**	**800.1**	**904.1**	**952.2**	**1084.3**	**1454.6**	**1523.0**	**1787.0**	**1705.6**
AFRICA	**0.3**	**0.2**	**0.7**	**1.9**	**1.3**	**6.4**	**12.6**	**10.2**	**8.3**	**5.9E**
Algeria	-	0.2	-	-	-	-	-	-	-	-
Nigeria	..	..	..	-	-	5.0	10.0E	8.0E	4.0E	4.0E
Tunisia	0.3	-	0.7	1.9	1.3	1.4	2.6	2.2	2.3	1.9E
AMERICA	**61.0**	**68.1**	**75.5**	**98.6**	**101.4**	**127.6**	**158.5**	**144.7**	**112.5**	**144.7**
Argentina	61.0	68.1	75.5	95.1	99.7	102.4#	137.0#	126.5	105.0E	144.0E
Mexico	-	-	-	3.5#	1.7	25.2#	21.5#	18.2#	7.5E	0.7#
ASIA	**632.5**	**698.9**	**765.1#**	**770.5**	**812.7**	**890.7**	**1192.5**	**1327.8**	**1642.2**	**1533.0**
Indonesia	30.5E	24.0E	46.0E	42.5E	42.0E	46.0E	70.0E	74.0E	75.0E	70.0E
Malaysia	0.8	11.9	26.9	30.5	24.5	15.4#	38.1#	58.6	51.8	40.0E
Pakistan	35.4	31.2	35.9	38.8	29.2	46.9	46.8	36.9	53.6	48.8
Philippines	83.0E	80.0E	76.0E	82.5E	66.0E	82.0E	95.0E	97.0E	89.5	90.0E
Qatar	24.4E	29.7E	33.7E	31.3E	28.0E	30.0E	34.0E	36.0E	38.0E	38.0E
Republic of Korea	253.9	282.7	318.9	293.8	383.0	345.5	549.9#	642.5#	801.5#	879.8
Saudi Arabia	14.7E	48.3E	53.2E	49.9	49.4	49.7	78.6	81.8	83.0E	81.0E
Singapore	0.4	0.2	0.3	0.2	0.2	0.2E	0.2	0.7	0.2	0.2E
Taiwan Province of China	139.3	130.0	118.3	126.3	146.3	187.7	211.0	227.6	264.0	215.7
Turkey	47.1#	58.9#	53.9#	72.8#	42.1#	75.3#	64.9#	69.7#	92.6#	68.5#
United Arab Emirates	3.0E	2.0E	2.0E	1.9E	2.0E	2.0E	4.0E	3.0E	3.0E	3.0E
EUROPE	**43.5**	**39.8**	**58.8**	**33.1**	**36.8**	**59.6**	**91.0**	**40.3**	**36.0**	**22.0**
Yugoslavia (former)	43.5	39.8	58.8	33.1	36.8#	59.6#	91.0#	40.3#	36.0E	22.0E

16. IRON ORE: Value of Imports[1]
(concluded)

(million dollars)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
COUNTRIES IN EASTERN EUROPE	**954.5**	**942.8**	**922.9**	**921.8**	**977.8**	**952.7**	**986.8**	**936.4**	**591.5**	**494.0**
Bulgaria	41.2E	38.2E	35.5E	35.0E	51.7E	51.3E	50.5E	42.9#	15.0E	14.0E
Czechoslovakia	375.8	380.4	344.4	358.4	290.0	272.0E	280.0E	284.0E	273.0#	265.0E
Germany(former German Dem. Rep.)	52.3E	52.0E	68.0E	66.0E	69.0E	62.0E	102.2#	75.0E	-	-
Hungary	42.4	41.7E	40.3	46.6	51.2	47.0E	58.1#	51.5	53.5	45.0E
Poland	189.5	203.1	192.7	167.8	183.9	157.4	236.0E	209.0E	150.0E	130.0E
Romania	253.3E	247.4E	242.0E	248.0E	252.0E	263.0E	260.0E	144.0#	100.0E	40.0E
SOCIALIST COUNTRIES OF ASIA	**118.8**	**158.8**	**263.5**	**343.0**	**291.5**	**274.0**	**343.9**	**408.8**	**578.4**	**778.8**
China	116.3	156.5	258.8	335.4	289.5	260.0	329.9#	394.1	563.4	764.3
Democratic People's Rep. of Korea	2.5E	3.1E	4.7E	7.6E	12.0E	14.0E	14.0E	14.5E	15.0E	14.5E

1 Value of imports: c.i.f. value of iron ore imported expressed in United States dollars converted using exchange rates indicated by governments or on the basis of rates supplied by I.M.F.

2 EEC total: excluding the Community's internal trade.

17. IRON ORE: Apparent Consumption[1]

(thousand tonnes, natural weight)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	% change 92/91
WORLD	**781087**	**871758**	**911740**	**917300**	**932687**	**957482**	**974370**	**980094**	**946724**	**910424**	**-3.8**
DEVELOPED MARKET ECONOMY COUNTRIES	**307048**	**374796**	**382503**	**357831**	**365692**	**381032**	**389974**	**393751**	**385151**	**358701**	**-6.8**
AMERICA	**60820**	**78628**	**73914**	**62961**	**71489**	**87033**	**79381**	**83417**	**76848**	**76956**	**0.1**
Canada	12561	14165	13474	11051	12071	14677	16268	13105	12043	14597	21.1
United States	48259	64463	60440	51910	59418	72356	63113	70312	64805	62359	3.8
EUROPE	**130748**	**154139**	**158048**	**148423**	**144853**	**154126**	**163059**	**153096**	**152921**	**139462**	**-8.8**
EEC	*122458*	*142527*	*145321*	*134888*	*131912*	*140546*	*148891*	*137064*	*134441*	*126438*	*-5.9*
Belgium-Luxembourg	17560	19628	18982	18055	18382	20788	19776	20262	19473	17975	-7.7
France	23702	26366	26072	24582	22882	24874	25812	24247	22545	20198	-10.4
Germany	36471	43477	46034	42344	39824	45219	47265	43810	43325	41350	-4.6
Italy	13797	19240	18294	17601	16523	16200	18201	17203	17855	15064	-15.6
Netherlands	4965	7216	8452	7017	6944	7339	8026	8221	7827	7495	4.2
Portugal	501	405	753	593	794	502	709	469	466	565	2.1
Spain	10563	10209	9358	8549	8268	7536	9913	8102	9354	7965	-4.8
United Kingdom	13548	14540	15669	14846	18290	18089	19209	17673	18578	15825	-14.8
EFTA	*8290*	*11612*	*12727*	*13535*	*12941*	*13582*	*14168*	*13112*	*13497*	*13024*	*-3.5*
Austria	5931	7489	6985	6316	6360	6464	6602	6192	6088	5565	-8.6
Finland	2159	2756	2556	2630	2909	2957	2600	3158	3070	3308	7.7
Iceland	13	16	23	25	17	23	17	18	17	17	-
Norway	820	797	1122	1146	631	1080	394	-20	138	-21	..
Sweden	-641	544	2035	3407	3015	3046	4555	3764	4184	4155	-0.7
SOUTH AFRICA	**8794**	**12626**	**14713**	**15633**	**13206**	**13744**	**15392**	**13262**	**13484**	**13358**	**-0.9**
ASIA	**109450**	**125695**	**124851**	**115525**	**112329**	**123655**	**127960**	**125498**	**127386**	**113783**	**-10.7**
Japan	109450	125695	124851	115525	112329	123655	127960	125498	127386	113783	-10.7
OCEANIA	**-2764**	**3708**	**10977**	**15089**	**23815**	**2472**	**4182**	**18478**	**14512**	**15142**	**4.3**
Australia	-2502	3618	10557	14396	23196	1584	3182	17194	13488	14390	6.7
New Zealand	-262	90	420	693	619	888	1000	1282	1024	752	-26.6
DEVELOPING COUNTRIES AND TERRITORIES	**90489**	**96664**	**114132**	**131057**	**132934**	**134945**	**142860**	**145805**	**152083**	**160025**	**4.6**
AFRICA	**4738**	**4829**	**7016**	**9301**	**8365**	**6311**	**8215**	**7610**	**7350**	**8115**	**10.4**
Algeria	2286	2706	3373	3312	3562	3400	2728	2912	2685	2690	0.2
Egypt	2060	1889	2120	1999	2112	2400	2400	2420	2371	3242	36.7
Liberia	-294	-770	20	1660	296	-971	-447	94	185	432	133.5
Mauritania	-785	-526	-130	333	118	-223	976	60	200	114	-43.0
Morocco	300	200	140	200	204	37	44	-9	-8	20	..
Nigeria	-	-	-	-	-	152	770	300	150	150	-
Tunisia	311	310	323	378	353	267	273	253	269	259	-3.7
Zimbabwe	1000	1000	1200	1419	1720	1249	1471	1580	1498	1208	-19.4
AMERICA	**37617**	**42525**	**54853**	**57358**	**56430**	**60466**	**59608**	**59357**	**58039**	**61835**	**6.5**
Argentina	2904	2913	3355	3893	4142	4293	4493	3592	2399	3576	49.1
Bolivia	-	-	-	-	-	-	-11	-100	0	50	..
Brazil	22139	23529	36419	36766	36817	40697	42102	38007	35976	39785	10.6
Chile	470	-10	1040	1480	802	898	690	1265	1285	1431	11.4
Colombia	456	441	455	523	615	615	600	628	607	600	-1.1
Mexico	8420	10543	8103	7681	7419	8289	8198	8477	9288	7693	-17.2
Peru	25	-60	-250	835	1137	-510	-79	1	1011	-75	-
Trinidad and Tobago	..	..	..	..	..	..	..	988	900	950	5.6
Venezuela	3203	5169	5731	6180	5498	6184	3615	6499	6573	7825	19.1

17. IRON ORE: Apparent Consumption
(concluded)

(thousand tonnes, natural weight)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	% change 92/91
ASIA	**41548**	**42429**	**44605**	**56433**	**61075**	**61139**	**68302**	**73242**	**83922**	**87775**	**4.6**
India	17389	16610	15290	23034	22354	17882	17955	22117	25717	26972	4.9
Indonesia	1100	900	1600	1400	1400	1400	2000	2000	2000	2100	5.0
Iran,Islamic Rep. of	..	..	1000	2000	3000	4300	5630	5500	6184	7000	13.2
Malaysia	128	574	1013	1234	980	659	1103	1579	1542	1270	-17.6
Pakistan	914	922	1243	1469	1105	1528	1393	1162	1605	998	-37.8
Philippines	133	-347	-600	-70	-202	-364	-480	-480	-535	380	..
Qatar	580	752	840	800	700	800	900	900	1000	1000	-
Republic of Korea	10712	10841	11709	12466	17117	17151	23134	22870	28730	32079	11.7
Saudi Arabia	288	965	1044	1385	1478	1245	1652	1468	1500	1450	-3.3
Taiwan Province of China	5004	5228	4939	5358	6140	8477	8370	7760	8433	7251	-14.0
Thailand	70	70	94	37	97	99	160	132	228	459	101.3
Turkey	5047	5807	6320	7133	6745	7812	6334	8107	7394	6669	-9.8
United Arab Emirates	170	100	100	180	160	140	150	100	100	120	20.0
EUROPE	**6586**	**6881**	**7658**	**7965**	**7064**	**7029**	**6735**	**5597**	**3672**	**2300**	**-37.4**
Yugoslavia (former)	6586	6881	7658	7965	7064	7029	6735	5597	3672	2300	-37.4
COUNTRIES IN EASTERN EUROPE	**260773**	**264298**	**266451**	**267526**	**269324**	**265125**	**257143**	**247545**	**204642**	**160389**	**-21.6**
Bulgaria	4116	4349	4200	4427	4165	3938	3533	3043	1409	765	-45.7
Czechoslovakia	17208	17176	17122	17193	16886	16491	15853	15883	13768	12490	-9.3
Germany (former (German Dem. Rep.)	3011	3215	4324	4100	4300	4200	4000	2800	-	-	-
Hungary	4182	4363	2566	3414	3403	2885	3263	3202	2700	2400	-11.1
Poland	13797	17138	16985	16653	17122	16674	13448	11019	7424	7000	-5.7
Romania	16464	16879	17494	17931	17981	16000	15626	11919	7867	2734	-65.2
USSR (former)	202195	201178	203760	203808	205467	204937	201420	199679	171474	135000	-21.3
SOCIALIST COUNTRIES OF ASIA	**122777**	**136000**	**148654**	**161176**	**164718**	**176380**	**184393**	**193893**	**203948**	**231309**	**13.4**
China	114665	127800	140354	152676	156118	167680	174693	183693	193748	221109	14.1
Democratic People's Republic of Korea	8112	8200	8300	8500	8600	8700	9700	10200	10200	10200	-

1 Apparent consumption: relates to production plus imports minus exports. Stocks not considered.

18. IRON ORE: Reported consumption[1]

(thousand tonnes, natural weight)

Country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Algeria	..	..	..	2629#	..	..	2776#	2739#	..	..
Argentina	..	..	..	..	..	3753#	4675#	..	..	..
Australia	7857	9445	8088	10000#	..	..	10010#	10000#	9363#	..
Austria	5547	6309	6300	6385#	5665	5850	..	6104#	..	..
Brazil	19106	26322	27558	28698	32043#	..	26959	23747	24429#	25205#
Canada	13103#	14620#	15009#	14185#	14929#	14871#	15571#	11219#	12506#	..
Chile	..	..	..	..	..	..	1095	..	..	..
Colombia	..	..	..	..	..	615#	..	725#	705#	..
Czechoslovakia	16017#	15939#	15689#	15787#	15875#	15664#	..	..	..	12643#
EEC	**128428**	**138668**	**144205**	**132627**	**131840**	**152002**	**152988#**	**146771#**	**145210#**	**133663#**
Belgium-luxembourg	18503	20539	19776	18372	18198	19765#	19288#	19752#	20081#	17904#
France	25620	26462	26606	24311	22701	24816#	25440#	24393#	23252#	22131#
Germany	37817	42719	45204	41477	40550	50295#	50964#	46735#	48598#	44586#
Italy	15835	17520	19352	18225	17090	19384#	18787#	18554#	16833#	13759#
Netherlands	5563	7284	7433	7047	7181	7979#	8228#	7901#	7479#	7678#
Portugal	576	478	616	636	639	729#	621#	554#	419#	656#
Spain	11299	10159	10042	8175	7795	7860#	9186#	8814#	9116#	8209#
United Kingdom	13215	13507	15176	14384	17682	21174#	20474#	20068#	19432#	18740#
Egypt	..	..	..	..	..	..	..	3980#	4407#	3337#
Finland	3010	3201	2964	3084#	3169	3370#	3540#	..	3035#	3783#
Germany (former G.D.R.)	3713	3891	3940	4416	4405	..	4307	..	-	-
Hungary	4083	4054	3817	3673	3563	2885#	3680#	..	..	..
Japan[2]	101198	111598	111701	103046	101238	129369#	131573#	132161#	131989#	120538#
India	..	..	..	..	26159#	28524#	..	..	..	..
Iran, Islamic Rep. of	..	..	..	..	..	..	..	..	3333#	..
Malaysia	..	..	..	..	..	201#	154#	..	..	170#
Mexico	..	..	5163	9138#	9109#	10983#	10049#	9687#	..	7453#
Morocco	..	..	..	..	..	17#	..	..	..	..
Norway	1116	1034	1133	..	722	673#	..	..	..	..
Peru	190	74	332	413#	357	..	..	..	..	..
Philippines	..	..	..	..	..	34#	..	..	..	..
Poland	17307	17724	17218	18589#	18161	16245#	..	..	..	..
Republic of Korea	..	..	..	..	..	..	23000#	22968	27890#	..
Romania	..	..	..	..	..	..	..	13500#	..	..
Saudi Arabia	..	..	..	1750#	..	..	..	..	..	..
South Africa	..	..	..	..	..	..	..	..	..	11330#
Sweden	3116	3464	..	2206#	3500e	3749	4357#	3881#	4363#	3975#
Syrian Arab Republic	..	..	..	..	..	..	..	10#	..	..
Trinidad and Tobago	..	..	..	..	..	..	..	1020#	..	..
Thailand	..	..	..	..	..	..	..	..	..	260#
Tunisia	..	..	..	..	..	350#	203#	..	..	..
Turkey	2620	4552	4436	3705	5736	7504#	6744#	8734#	7557#	7444#
United States	63050#	68450#	66049#	57513#	62425#	73602#	73662#	73685#	63662#	73704#
Venezuela	4294	4324	4823	5453#	5498	5086	4595#	4977#	6735#	4941#
Yugoslavia (former)	5480	..	..	6202	11466	4498	6220#	..	..	..
Zimbabwe	..	..	..	1142#	..	1024#	993#	1030#	841#	884#

1 Reported consumption relates to domestic and imported ores in any form (ore, pellets, sinter) consumed in iron and steel plants, as well as ores consumed for non-metallurgical uses. Excluding as far as possible iron ore consumed in agglomeration plants.

2 Dry weight.

19. IRON ORE: Reported consumption by product, 1992

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated		TOTAL
	Run of mine[1]	Lumps[2]	Fines[3]	Concentrates[4]	Pellet-feed[5]	Others	Total	Pellets[6]	Sinter[7]	
EEC	..	..	..	..	..	..	**15,793**	**25,099**	**92,771**	**133,663**
Belgium	..	..	..	..	..	..	1,736	1,170	10,771	13,677
France	..	..	..	..	..	..	3,231	374	18,526	22,131
Germany	..	..	..	..	..	..	4,641	13,363	26,582	44,586
Italy	..	..	..	..	..	..	1,500	3,076	9,183	13,759
Luxembourg	..	..	..	..	..	..	171	-	4,056	4,227
Netherlands	..	..	..	..	..	..	52	3,831	3,795	7,678
Portugal	..	..	..	..	..	..	1	226	429	656
Spain	..	..	..	..	..	..	372	1,842	5,995	8,209
United Kingdom	..	..	..	..	..	..	4,089	1,217	œ3,434	18,740
Egypt	-	1,071	990	-	-	-	2,061	1,276	-	3,337
Finland	-	-	-	-	-	-	-	639	3,144	3,783
Japan	..	..	..	..	..	..	20,085	9,144	91,309	120,538
South Africa	11,330	-	-	-	-	-	11,330	-	-	11,330
Sweden	-	57	869	144	-	-	1,070	2,905	-	3,975
Turkey	-	1,244	-	-	-	-	1,244	1,773	4,427	7,444
U.S.A.	-	2,055	-	-	-	-	2,055	60,199	11,528	73,701
Venezuela	-	421	4,520	-	-	-	4,941	-	-	4,941
Zimbabwe	-	727	-	-	-	-	727	-	157	884

1 Marketable unprepared iron ore with more than 20 per cent fines.

2 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines.

3 Marketable fine ore, usually below 10mm (or similar size).

4 Marketable product from a concentrate plant.

5 Fine ore or concentrate very fine, usually below 0.1mm.

6 Iron ore fines agglomerated into a rough ball shape typically 10mm.

7 Agglomerated fines or concentrates and other iron-bearing materials.

20. IRON ORE: Reported stocks[1]

(thousand tonnes)

Country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Algeria *(Total)*	..	..	..	..	***614#***	..	..	***805#***	***708#***	..
(producers)	..	..	..	..	..	..	597#	478#	..	..
(consumers)	..	..	..	..	..	..	208#	230#	..	..
Austria *(Total)*	..	..	***1623***	..	..	..	***1237#***	..	..	
(producers)	..	..	..	380#	..	..	219#	294#	..	..
(consumers)	..	..	..	1243#	..	..	..	943#	..	..
Bolivia (producers)	..	..	..	..	..	..	3#	..	..	..
Brazil (producers)	35887	32245	..	..	..	1342#	..	..	6945#	..
Canada *(Total)*	***12492***	***10213***	***11179***	***9927***	***6846***	***7489***	***8856***	..	..	..
(producers)	8322	5211	6796	5306	2449	3156#	4388#	..	5366#	..
(consumers)	4170	5002	4383	4621	4397	4333#	4468#	..	..	..
Chile *(Total)*	..	..	..	***2963***	..	..	..	..	..	..
(producers)	..	..	..	1142#	1046#	1095#	..	1062#	767#	..
(consumers)	..	..	..	1821#	..	..	..	..	..	..
Czechoslovakia(consumers)	..	..	..	..	..	..	..	..	..	793#
EEC[2] *(Total)*	***22578***	***19581***	***17955***	***21009***	***19536***	***17850***	***19249***	***17361***	***17683#***	..
(producers)	6656#	3641#	2346#	3742#	3040#	1972#	1573#	1620#	1482#	..
(consumers)	15922#	15940#	15609#	17267#	16496#	15878#	17676	15741#	16201#	..
Belgium (consumers)	1263#	1335#	1309#	1319#	1299#	1284#	1336#	1381#	1580#	..
France *(Total)*	***9619#***	***6507#***	***5450#***	***5304#***	***5328#***	***3636#***	***3635#***	***3665#***	***3394#***	***2972#***
(producers)	5553#	3020#	2194#	2036#	2060#	1069#	680#	1141#	976#	848#
(consumers)	4066#	3487#	256#	3268#	2856#	2567#	2955#	2524#	2418#	2124#
Germany *(Total)*	***4483#***	***4080#***	***3793#***	***4210#***	***3569#***	***3332#***	***3388#***	***3252#***	***3642#***	***3887#***
(producers)	883#	621#	152#	209#	82#	22#	48#	44#	66#	80#
(consumers)	3600#	3459#	3641#	4001#	3487#	3310#	3340#	3208#	3576#	3807#
Italy *(Total)*	***1548#***	***1812#***	***1902#***	***1976#***	***1809#***	***2118#***	***2569#***	***1976#***	***2039#***	***1926#***
(producers)	220#	0#	0#	0#	0#	0#	0#	0#	0#	0#
(consumers)	1328#	1812#	1902#	1976#	1809#	2118#	2569#	1976#	2039#	1926#
Luxembourg (consumers)	1239#	1088#	1273#	1271#	1126#	961#	1017#	984#	905#	..
Netherlands (consumers)	1110#	1217#	1312#	1411#	1463#	1347#	1365#	1227#	1513#	
Portugal (consumers	..	..	..	123#	138#	89#	192#	104#	95#	..
Spain *(Total)*	..	..	..	***2085***	***1686***	***1910***	***1896***	***1488***	***1597#***	***1733#***
(producers)	1259#	1855#	1370#	1497#	898#	881#	845#	435#	440#	307#
(consumers)	..	..	..	588#	788#	1029#	1051#	1053#	1157#	1426#
United Kingdom (consumers)	3316#	3542#	2916#	3310#	3530#	3173#	3851#	3284#	2898#	..
Egypt *(Total)*	..	..	..	..	***513***	..	..	***1080***	***700#***	***2542#***
(producers)	..	..	..	..	455#	..	..	340#	200#	1390#
(consumers)	..	..	..	..	58#	..	..	740#	500#	1152#
Finland *(Total)*	..	..	..	***260***	..	..	..	..	***235***	***332#***
(producers)	..	..	..	8#	..	..	..	..	-	-
(consumers)	..	..	..	252#	..	200#	260#	..	235#	332#
Hungary (consumers)	..	..	..	..	..	227#	455#	320#	..	..
Iran,Islamic Rep. of*(Total)*	..	..	..	***260***	..	..	..	..	***1827***	..
(producers)	..	..	..	..	..	..	..	..	1189#	..
(consumers)	..	..	..	252#	..	..	..	..	638#	..
Japan[3]	15507	15934	15291	17494	14232	17118#	19171#	16165#	16725#	14192#
Liberia	..	..	..	..	2500	1800	..	..	..	..
Malaysia (producers)	..	..	..	..	..	22#	1#	..	..	..
Mauritania (producers	..	..	..	..	..	342#	866#	1426#	381#	1100#
Mexico *(Total)*	..	..	..	***3381***	..	..	***794***	***1366#***	..	
(producers)	..	..	..	3294#	..	..	274#	619#	..	644#
(consumers)	..	..	..	87#	..	..	520#	747#	..	310#
Morocco (producers)	..	..	..	..	..	68#	..	67#	6#	..
Norway (producers)	..	..	..	..	..	..	751#	..	..	..
Peru (producers)	..	..	..	1280#	..	781#	..	502#	1189#	..
(consumers)	..	..	..	..	..	..	..	..	49#	..

20. IRON ORE: Reported stocks[1]
(concluded)

(thousand tonnes)

Country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Philippines (consumers)	..	..	..	..	..	4#	..	277#	..	..
Poland (consumers)	..	..	..	4432#	..	9365#	..	..	..	..
Republic of Korea ***(Total)***	..	..	..	..	..	..	***1410***	***1455***	***2200***	..
(producers)	85	90	102	111	..	..	10#	..	-#	..
(consumers)	..	..	..	..	..	..	1400#	..	2200#	..
Romania ***(Total)***	..	..	..	..	..	..	..	***243***	..	..
(producers)	..	..	..	..	..	..	..	174#	..	..
(consumers)	..	..	..	..	..	..	..	69#	..	..
Saudi Arabia (consumers)	..	..	230	..	..	..	..	..	..	..
Sweden ***(Total)***	..	..	..	..	..	..	..	..	..	..
(consumers)	..	..	..	1960#	..	..	..	..	..	..
(producers)	..	..	..	..	..	..	1752#	2002#	1879#	2224#
Turkey ***(Total)***	..	..	..	..	..	***3091***	***3926***	..	***2734***	***2480#***
(producers)	..	..	..	..	..	1793#	2310#	..	1329#	1273#
(consumers)	..	..	..	..	..	1298#	1616#	2326#	1405#	1207#
United States ***(Total)***	***33315***	***32739***	***29858***	***22551***	***22877***	***20182***	***25900***	***22977***	***28400***	***22857***
(producers)	7125	7453	7071	5113	6312	3296	4575	4795#	4853#	3783#
(consumers)	25902	24401	21631	17438	16565	16886	15730#	15911#	17612#	19074#
Venezuela (producers)	..	..	..	..	2033#	2845#	1184#	1969#	1670#	
Yugoslavia (former) ***(Total)***	..	..	..	..	..	***542***	***1917#***	..	..	..
(producers)	..	..	..	..	..	259#	79#	..	..	..
(consumers)	..	..	..	..	..	283#	1838#	..	..	..
Zimbabwe ***(Total)***	..	..	..	***5327***	..	***4782***	***5848***	***6045***	***7124***	***6833***
(producers)	..	..	..	3854#	..	4130#	4789#	5091#	5614#	5743#
(consumers)	..	..	..	1473#	..	652#	1059#	954#	1510#	1090#

1 Reported stocks: inventories at the end of calendar year (31 December) held by producers at mines, plants or loading docks, or by consumers at iron, steel or sinter plants, as well as in receiving docks.

2 EEC total: EUR 10(1981-1984), as of 1985 EUR 12. Ireland, Greece and Denmark are not included.

3 Dry weight.

21.A IRON ORE: Reported stocks by products (producers), 1992

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine[1]	Lumps[2]	Fines[3]	Concentrates[4]	Pellet-feed[5]	Others	Total	Pellets[6]	Sinter[7]
EEC	..	..	..	..	..	..	..	-	-
France	..	..	..	..	..	..	848	-	-
Germany	..	..	..	..	..	..	80	-	-
Spain	..	..	..	..	..	..	307	-	-
Egypt	200	1,100	90	-	-	-	1,390	-	-
Mauritania	144	26	610	320	-	-	1,100	-	-
Mexico	45	-	64	81	90	-	280	354	10
Sweden	-	388	900	27	-	-	1,315	909	-
Turkey	1,180	-	-	-	-	-	1,180	92	-
Venezuela	-	1,339	829	-	-	-	2,168	-	-
Zimbabwe	79	329	5,335	-	-	-	5,743	-	-

21.B IRON ORE : Reported stocks by products (consumers), 1992

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine[1]	Lumps[2]	Fines[3]	Concentrates[4]	Pellet-feed[5]	Others	Total	Pellets[6]	Sinter[7]
Czechoslovakia	..	12	341	226	-	-	579	191	23
EEC	..	..	..	..	..	..	..	..	..
Belgium	..	..	..	..	..	..	..	..	..
France	..	..	..	..	..	..	1,638	140	346
Germany	..	..	..	..	..	..	2,748	701	359
Italy	..	..	..	..	..	..	1,298	594	34
Luxembourg	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	..	..	704	145	58
Portugal	..	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	964	330	132
United Kingdom	..	..	..	..	..	..	..	..	..
Egypt	500	260	240	-	-	-	1,000	152	-
Finland	-	-	-	210	-	-	210	21	40
Japan	..	..	..	..	..	..	11,346	1,123	1,723
Mexico	-	-	-	-	90	-	90	220	-
Turkey	304	485	286	27	-	-	1,102	105	-
Zimbabwe	20	50	1,020	-	-	-	1,090	-	-

1 Marketable unprepared iron ore with more than 20 per cent fines.

2 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines.

3 Marketable fine ore, usually below 10mm (or similar size).

4 Marketable product from a concentrate plant.

5 Fine ore or concentrate very fine, usually below 0.1mm.

6 Iron ore fines agglomerated into a rough ball shape typically 10mm.

7 Agglomerated fines or concentrates and other iron bearing materials.

22. PIG IRON:[1] Production

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD	**461947**	**491307**	**499052**	**496065**	**508160.3**	**537544**	**554014**	**532123**	**507157**	**489783**
DEVELOPED MARKET ECONOMY COUNTRIES	**224056**	**245268**	**246423**	**228447**	**231930**	**253547**	**266635**	**249980**	**243048**	**234705**
AMERICA	**52775**	**56730**	**55429**	**49121**	**53636**	**60059**	**60816**	**57173**	**52391**	**55998**
Canada	8567	9643	9665	9249	9719	9498#	10139#	7346	8268	8621
United States	44208	47087	45764	39872	43917	50561	50677	49827#	44123#	47377#
EUROPE	**88085**	**97275**	**99780**	**93012**	**92989**	**102386#**	**104135**	**100302**	**98147**	**92739**
EEC	*80250*	*88679*	*91079*	*84601*	*84752*	*93681#*	*95134*	*91777*	*89564*	*84517*
Belgium-Luxembourg	10388	11779	11501	10724	10559	11701#	11607#	12082	11839	10779
France	13770	14719	15067	13714	13236	14786#	15071#	14414	13646	13051
Germany	26598	30203	31531	28592	28119	32453#	32777#	30098	30989	28548
Greece	125	125	125E	-	-	- #	-	-	-	-
Italy	10362	11628	11658	11898	11372	11376#	11788#	11882	10856	10461
Netherlands	3747	4926	4819	4628	4574	4994#	5163#	4960	4696	4849
Portugal	364	474	519	422	430	445#	377#	340	251	402
Spain	5419	5338	5477	4811	4804	4691#	5535#	5682	5404	5076
United Kingdom	9477	9487	10382	9812	11658	13235#	12816#	12319	11883	11351
EFTA	*7835*	*8596*	*8701*	*8411*	*8237*	*8705*	*9001*	*8525*	*8583*	*8222*
Austria	3320	3745	3704	3349	3417	3664	3823#	3452#	3441#	3074
Finland	1898	2034	1901	1978	2064	2180#	2300#	2283	2330#	2413#
Norway	596	549	606	570	371	367#	240#	54	-	-
Sweden	2011	2214	2424	2435	2315	2494	2638#	2736#	2812#	2735#
Switzerland	10	54	66	79	70	-	-	-	-	-
SOUTH AFRICA	**5215**	**5531**	**5038**	**5774**	**6317**	**6171**	**6513**	**6234**	**6968**	**6498**
ASIA	**72936**	**80403**	**80569**	**74651**	**73419**	**79221**	**89121**	**80144**	**79909**	**73086**
Japan	72936	80403	80569	74651	73419	79221#	89121	80144#	79909#	73086#
OCEANIA	**5045**	**5329**	**5607**	**5889**	**5569**	**5710**	**6050**	**6127**	**5633**	**6384**
Australia	5045#	5329#	5607#	5889#	5569#	5710#	6050#	6127	5633	6384
DEVELOPING COUNTRIES AND TERRITORIES	**48408**	**54499**	**58460**	**61838**	**65450.3**	**71745.7**	**74741.8**	**74069**	**78222**	**79921**
AFRICA	**2517**	**2787**	**3186**	**3259**	**3293**	**3099**	**3080**	**3055**	**3000**	**2897**
Algeria	1113	1150	1400	1400	1499	1500	1300#	1300E	1200E	1100E
Egypt	898	962	950	1066	1071#	1112	1100E	1068#	1149#	1103#
Tunisia	147	150	142	149	163	128	155	148	162	147
Zimbabwe	359#	525#	674	644	560	359#	525#	539	489#	547#
AMERICA	**18482**	**23189**	**25225**	**27151**	**28199.3**	**30294.7**	**31453.8**	**28153**	**28243**	**28686**
Argentina	909	893	1309	1639	1775	1596#	2169#	1918	1437	971
Brazil	12945	17230	18961	20163	21121#	23222#	24380.8	21141	22530#	22982#
Chile	540	596	575	592	613	778	679	675	726	873
Colombia	268	271	247	319	326	370#	297	323	304	298
Mexico	3538	3869	3530	3728	3712#	3678#	3230#	3665#	3039	3404#
Peru	113#	4#	163#	216#	178.3#	165.7#	209	117	207#	158
Venezuela	169	326	440	494	474	485#	489#	314#	-	-
ASIA	**24567**	**25668**	**26980**	**28365**	**31091**	**35436**	**37306**	**40548**	**45713**	**47514**
India	9162	9464	9835	10514	10923	11724#	12080#	12644	14176	15126
Indonesia	250	250E	250E	-	-	-	- #	-	-	-
Iran,Islamic Rep.of	240	250E	250E	250E	250E	250E	250E	1267	1952#	2053
Malaysia	230	200E	200E	200E	200E	- #	-	-	-	-
Pakistan	490	550	803	895	905	905	910E	920E	910E	800E
Philippines	22	20	20E	20E	20E	20E	-	-	-	-
Republic of Korea	8024	8763	8833	9003	11057	12578	14840#	15390#	18510#	19323
Taiwan Province of China	3415	3288	3429	3740	3658	5487#	5708#	5491	5561	5292
Thailand	10	10	10	10E	10E	10E	10E	10E	10	-
Turkey	2724#	2873#	3350#	3733#	4068#	4462#	3508#	4826#	4594#	4920#
EUROPE	**2842**	**2855**	**3089**	**3063**	**2867**	**2916**	**2902**	**2313**	**1266**	**824**
Yugoslavia (former)	2842#	2855	3089#	3063	2867	2916#	2902#	2313#	1266	824

22. PIG IRON:[1] Production
(concluded)

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
COUNTRIES IN EASTERN EUROPE	**146603**	**145728**	**144579**	**149340**	**149850**	**149312**	**148538**	**139568**	**112723**	**95719**
Bulgaria	1635	1583	1712	1605	1657	1484	1484	1143	1100E	1050E
Czechoslovakia	9466	9561	9562	9573	9788	9706	9911#	9667	8479	8034#
Germany(former German Dem. Rep.)	2207	2357	2578	2738	2755	2786	2732	2159	-	-
Hungary	2059	2150	2102	2061	2109	2000#	1951	1708	1311	1176
Poland	8190	9627	9436	10194	10121	9837#	9488	8352	6355	6348
Romania	12593	9557	9212	9329	9500E	8941#	9051#	6355#	4525#	3111
USSR (former)	110453	110893	109977	113840	113920	114558#	113921#	110184#	90953	76000E
of which										
Russia	..	..	..	..	..	..	..	..	48700	45800
SOCIALIST COUNTRIES OF ASIA	**42880**	**45812**	**49590**	**56440**	**60930**	**62940**	**64100**	**68506**	**73164**	**79438**
China	37380	40062	43840	50640	55030	57040	58200	62606	67164	73438
Democratic People's Rep. of Korea	5500	5750	5750	5800	5900E	5900E	5900E	5900E	6000E	6000E

[1] Pig iron: primary iron produced from iron ore in blast furnaces.

23. SPONGE IRON (DRI):[1] Production

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD	**7797**	**9192**	**10988**	**12654**	**13630**	**13872**	**15501**	**17258**	**18202**	**20291**
DEVELOPED MARKET ECONOMY COUNTRIES	**870**	**1180**	**1560**	**2070**	**1980**	**2060**	**2189**	**2292**	**2232**	**2585**
AMERICA	**540**	**620**	**880**	**850**	**940**	**1060**	**996**	**1122**	**970**	**1028**
Canada	540	500	740	690	730	770	705	732	560	639
United States	-	120	140	160	210	290	291	390	410	389#
EUROPE	**90**	**120**	**100**	**170**	**200**	**270**	**353**	**310**	**362**	**273**
EEC	*70*	*100*	*100*	*170*	*200*	*270*	*353*	*310*	*260*	*170*
Germany	70	100	100	170	200	270	353	310	260	170
EFTA	*20*	20	-	-	-	-	-	-	*102*	*103*
Sweden	20	20	-	-	-	-	-	-	102	103#
SOUTH AFRICA	**80**	**270**	**410**	**790**	**840**	**730**	**840**	**860**	**900**	**910**
OCEANIA	**160**	**170**	**170**	**260**	-	-	-	-	-	**384**
New Zealand	160	170	170	260	-	-	-	-	-	384
DEVELOPING COUNTRIES AND TERRITORIES	**6907**	**7642**	**9008**	**9834**	**10390**	**10132**	**11612**	**13276**	**15270**	**16116**
AFRICA	**160**	**150**	**220**	**140**	**610**	**902**	**1040**	**1331**	**1520**	**1723**
Egypt	-	-	-	30	470	770	817	710	620	826#
Libyan Arab Jamahiriya	-	-	-	-	-	-	90	500	790	847
Nigeria	160	150	220	110	140	132	133	121	110	50
AMERICA	**5397**	**5392**	**5638**	**5976**	**6453**	**5938**	**6357**	**7016**	**8226**	**8646**
Argentina	950	910	990	950	1040	1067	1166	1035	960	1017
Brazil	250	250	290	300	200	195	239	280	226	230#
Mexico	1500	1450	1454	1370	1551	1686	2163	2525	2490	2394#
Peru	27	62	44	56	52	49	50	30	24	30
Trinidad and Tobago	280	240	220	380	490	593	695	800	710	675
Venezuela	2390	2480	2640	2920	3120	2348	2044	2346	3816	4300
ASIA	**1350**	**2100**	**3150**	**3718**	**3327**	**3292**	**4215**	**4929**	**5524**	**6247**
India	40	80	90	148	177	195	360	750	1180	1440
Indonesia	570	740	1000	1300	1030	980	1210	1410	1430	1370
Iran,Islamic Rep.of	-	-	30	-	-	-	40	300	584	709
Iraq	-	-	-	-	-	100	200	170	-	-
Malaysia	-	40	520	580	590	427	644	620	620	480#
Myanmar(Union of)	-	10	30	30	20	20	20	20	20	20
Qatar	390	500	490	490	470	495	534	574	570	617
Saudi Arabia	350	730	990	1170	1040	1075	1207	1085	1120	1611
COUNTRIES OF EASTERN EUROPE	**20**	**370**	**420**	**750**	**1260**	**1680**	1700	**1690**	**1700**	**1580**
USSR (former)	20	370	420	750	1260	1680	1700	1690	1700	1580

1 Sponge iron or DRI: primary iron produced through direct reduction, without exceeding the melting temperature.

24. METALLICS: Reported consumption,[1] 1989-1992

(thousand tonnes)

Country or area	Pig iron				Sponge iron				Ferrous scrap[2]			
	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992
Argentina	2,068	1,898	..	..	1,067	1,002	..	..	1,274	1,190	..	..
Australia	6,050	..	..	..	-	..	..	..	-	..	..	..
Brazil	17,878	16,848	19,970	..	259	263	226	..	8,032	6,505	5,714	..
Canada	10,128	..	..	..	-	..	..	..	7,790	..	..	..
Colombia	298	332	..	..	-	-	..	..	571	379	..	..
EEC	*92,164*	*89,095*	*88,839*	..	..	..	..	..	*61,766*	*60,370*	*63,385*	..
Belgium-Luxembourg	11,769	12,054	11,858	..	..	..	..	..	4,347	4,510	4,415	..
Denmark	101	101	93	..	..	..	..	..	631	608	610	..
France	13,499	13,367	12,984	..	..	..	..	..	6,920	7,396	7,422	..
Germany	31,399	28,924	29,951	..	..	..	..	..	6,920	7,396	7,422	..
Greece	16	..	-	..	-	..	..	..	1,071	1,095	1,092	..
Ireland	-	-	-	-	-	-	-	-	362	364	327	..
Italy	11,482	11,425	10,831	..	..	..	..	..	16,839	16,717	17,019	..
Netherlands	5,144	4,946	4,700	..	..	..	..	..	1,111	1,009	1,003	..
Portugal	381	333	235	..	..	..	..	..	492	531	394	..
Spain	5,555	5,496	5,450	..	..	..	..	..	9,196	8,895	9,264	..
United Kingdom	12,818	12,449	12,136	..	..	..	..	..	7,880	6,710	6,001	..
Egypt	..	..	1,201	1,064	..	..	..	..	..	..	316	1,160
Finland	..	..	2,330	2.413	-	-	-	-	850	..	545	601
Greece	16	..	..	..	-	..	..	..	1,071	..	..	..
Hungary	100	..	..	..	-	..	..	..	1,494	..	..	..
Iran,Islamic Rep. of	..	..	1,774	..	..	..	469	..	..	..	320	..
Indonesia	125	..	..	..	1,286	..	..	..	923	..	..	..
Japan	80,448	81,442	81,395	..	-	-	-	45,872	48,244	46,969	42,720	
Mexico	3,271	3,711	..	..	2,290	2,527	..	..	2,720	3,448	..	..
Peru	..	..	192	..	..	..	18	..	..	..	35	..
Republic of Korea	15,290	15,940	18,690	..	-	-	-	..	1,580	1,960	810	..
Sweden	2,620	2,746	2,845	2,720	-	-	-	-	2,589	2,394	2,095	..
Slovenia	..	..	..	314	..	..	..	..	..	..	..	..
Syrian Arab Republic	..	-	..	..	..	-	..	..	..	80	..	..
Thailand	..	..	..	159	..	..	..	-	..	..	..	863
Turkey	3,928	4,327	6,880	4,920	24	19	38	33	5,098	5,500	5,450	6,160
United States	..	..	43,991	47,096	..	..	..	..	63,763	63,601	45,450	47,091
USSR(former)	..	..	..	..	..	..	..	..	95,000	..	..	..
Venezuela	489	309	26	-	2,341	2,603	2,229	2,468	489	736	745	794
Yugoslavia(former)	2,650	..	..	..	-	-	-	..	2,417	..	..	..
Zimbabwe	518	..	440	18	-	-	-	-	-	115	..	..

1 Reported consumption in iron and steel works

2 Ferrous scrap high in Fe used by the steel industry

25. METALLICS: Reported exports, 1989-1992

(thousand tonnes)

Country or area	Pig iron				Sponge iron				Ferrous scrap			
	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992
Brazil	2,989	3,488	2,560	2,415	-	-	-	..	..	..	..	..
Bulgaria	-	7	..	5.7	-	-	-	..	..	..	..	..
Canada	..	..	4	3	..	..	-	..	..	..	..	..
Cuba	-	-	-	..	..	..	-	..	-	86	..	..
Czechoslovakia	80	70	55	-	-	-	-	60	141	682	..	..
France	-	..	..	-	-	..	..	..	..	..	3,442	..
Germany	-	..	..	-	-	..	..	..	..	..	7,251	..
Hungary	45	..	..	-	-	..	..	..	112	..	..	..
India	..	..	1	..	-	-	-	..	..	..	87	..
Italy	24	..	..	..	-	-	..	..	..	4	..	..
Japan	25	25	22	..	-	-	-	..	587	396	362	1,722
Malaysia	0	..	..	..	397	..	..	..	24	..	..	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	40
Morocco	..	..	0	..	..	..	..	..	..	..	5	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	38
Norway	52	50	58	..	-	0	0	..	1	0	4	..
Sri Lanka	-	..	..	..	-	..	..	..	40	..	..	..
Spain	..	..	0	..	..	..	..	..	..	..	25	..
Sweden	13	5	9	32	3	4	5	9	142	122	237	66
Thailand	-	-	-	-	-	-	-	-	..	..	10	..
Turkey	0	18	193	39	0	-	-	-	4	7	10	11
United Kingdom	..	..	..	..	..	..	..	..	..	..	3,215	..
United States	..	14	16	33	..	6	5	0	11,078	11,580	9,345	9,203
USSR(former)	6,517	6,276	..	..	..	..	..	2,727	1,294	..	..	..
of which Latvia	..	..	..	..	..	..	..	..	..	..	69	1
Venezuela	-	-	-	-	659	857	678	667	1,330	1,729	15	55

26 METALLICS : Reported imports, 1989-1992

(thousand tonnes)

Country or area	Pig iron				Sponge iron				Ferrous scrap			
	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992
Argentina	2	..	..	..	..	..	..	..	11	..	..	..
Bulgaria	-	309	35	9.4	-	-	-	-	-	..	..	..
Colombia	-	32	..	..	-	-	..	..	-	28	..	..
Cuba	240	..	..	..	..	..	..	..	..	..	..	..
Cyprus	..	1	..	..	..	..	..	..	..	..	..	..
Czechoslovakia	673	..	..	..	-	..	..	..	13	..	..	..
Egypt	..	..	..	75	..	..	..	..	..	..	..	200
Finland	-	-	..	..	-	-	..	..	60	..	..	..
Germany (former German Democratic Rep.)	1,321	..	..	..	11	..	..	..	..	..	..	..
Greece	24	..	..	..	3	..	..	..	..	..	..	..
Hungary	345	..	..	..	-	..	..	..	..	..	..	..
India	..	..	245	..	-	..	..	..	..	..	3,152	..
Indonesia	-	..	..	..	76	..	..	..	703	1,178	..	..
Japan	2,288	3,283	3,375	1,477	-	..	..	..	1,157	1,048	821	328
Latvia	..	..	88	12	..	..	..	..	..	..	93	4
Malaysia	66	110	..	25	-	-	..	..	488	718	734	274
Mexico	..	..	..	15	..	..	..	106	..	..	..	544
New Zealand	..	..	..	..	..	..	..	5	..	..	..	0
Norway	4	5	5	-	2	0	19	-	0	0	..	..
Philippines	56	63	..	..	..	..	..	152	64	..	..	..
Poland	1,199	1,283	..	..	-	..	..	..	..	..	..	..
Republic of Korea	590	230	150	..	..	..	..	..	502	525	690	..
Romania	..	..	..	3	..	..	..	..	..	..	..	..
Slovenia	..	..	..	13	..	..	..	..	..	..	..	1
Spain	..	..	212	..	-	-	105	..	..	..	4,259	..
Sweden	45	42	29	16	-	-	-	-	624	247	165	281
Syrian Arab Republic	..	..	..	..	..	..	..	..	..	30	..	..
Thailand	..	..	82	159	..	..	..	..	..	..	501	816
Trinidad and Tobago	..	..	..	..	..	..	..	..	..	12	..	..
Turkey	179	148	240	396	24	19	38	33	4,422	3,871	4,443	4,434
United States	443	347	435	496	226	334	380	542	1,309	1,299	..	..
Venezuela	-	-	-	-	304	426	216	131	122	135	46	23
Yugoslavia(former)	110	..	..	..	-	..	..	..	19	-	..	..

27. CRUDE STEEL:[1] Production

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
WORLD	**662514**	**711085**	**718824**	**713248**	**738028**	**778271**	**784720**	**766869**	**730866**	**716893**
DEVELOPED MARKET ECONOMY COUNTRIES	**335719**	**367214**	**365016**	**341762**	**348851**	**378425**	**383019**	**377412**	**358686**	**357760**
AMERICA	**89593**	**98639**	**94704**	**88113**	**95613**	**106515**	**104310**	**101196**	**92725**	**98255**
Canada	12832	14699	14637	14081	14737	14866#	15458#	12281	12987	13933
United States	76761#	83940#	80067#	74032#	80876#	90649#	88852#	88916#	79738#	84322#
EUROPE	**135079**	**148584**	**149619**	**139219**	**139239**	**151461#**	**153651#**	**149660**	**149917**	**144834**
EEC	*123231*	*134482*	*135694*	*125714*	*125958*	*137426#*	*139578#*	*136572*	*137490*	*132279*
Belgium-Luxembourg	13450	15287	14628	13420	13085	14883#	14687#	14953	14710	13398
Denmark	493	548	528	632	605	650#	624#	609	632	591
France	17582	19005	18815	17670	17432	18598#	18692#	19021	18401	17961
Germany[2]	35729	39389	40497	37134	36248	41023#	41073#	38434	42169	39711
Greece	868	972#	1007#	1010	908	959#	956#	999	980	924
Ireland	141	166	203	208	220	271#	324#	326	293	257
Italy	21811	24082	23898	22985	22819	23762#	25216#	25472	25110	24904
Netherlands	4477	5738	5519	5283	5082	5518#	5681#	5412	5171	5439
Portugal	685	697	684	721	732	811#	761#	746	541	749
Spain	13009	13497	14193	11882	11691	11886#	12765#	12705	12332#	12295
United Kingdom	14986	15121	15722	14769	17136	19065#	18799#	17895	16551	16050
EFTA	*12748*	*14102*	*13925*	*13505*	*13281*	*14035*	*14073*	*13088*	*12427*	*12555*
Austria	4411	4868	4683	4292	4301	4560#	4718#	4291#	4186	3953
Finland	2416	2634	2518	2586	2668	2798#	2921#	2861	2600#	2748#
Norway	876	916	944	836	851	910#	678#	376#	438#	446#
Sweden	4210	4706	4813	4716	4595	4779	4692#	4455#	4248#	4358#
Switzerland	835	978	987	1075	866	988	1064	1105	955	1050
SOUTH AFRICA	**7004**	**7732**	**8507**	**9055**	**8836**	**8709**	**9587**	**8738**	**9358**	**8496#**
ASIA	**97252**	**105676**	**105381**	**98385**	**99629**	**105780**	**108009**	**110486**	**109739**	**99240**
Israel	83	92	100	110	116	99	100	135	90	109
Japan	97169	105584	105281	98275	98513	105681#	107909#	110331	109649#	99131#
OCEANIA	**5891**	**6583**	**6905**	**6960**	**6534**	**6960**	**7482**	**7348**	**6947**	**7835**
Australia	5657#	6303#	6578#	6703#	6125#	6400#	6800#	6930#	6141	6877
New Zealand	234	280	327	287	409	560	682	719	806	758
DEVELOPING COUNTRIES AND TERRITORIES	**71630**	**79823**	**86471**	**91007**	**98769**	**109337**	**114322**	**112753**	**118963**	**126352**
AFRICA	**3000**	**2900**	**3715**	**3512**	**3981**	**4410**	**4130**	**2775**	**2815**	**4378**
Algeria	950	1080	1414	1450	1533	1412	1042	836	840#	820#
Egypt	979	928	1028	1013	1433	2025	2011	881#	1077#	2565#
Morocco	4	4	5E	6E	5E	5E	5E	5E	5E	5
Nigeria	182	228	321	134#	137#	139#	213#	220	114	200E
Tunisia	163	166	160	181	188	162	197	184	193	181
Zimbabwe	647	423	731	674	597	602	592#	579	526#	547#
Other Africa	75	70	56E	54	69	65E	70	70	60	60
AMERICA	**28944**	**33485**	**36051**	**37671**	**39518**	**42194**	**42547**	**38372**	**38899**	**40556**
Argentina	2942	2647	2939	3242#	3603#	3624#	3893#	3657	2972	2661
Brazil	14671	18385	20454	21228#	22228#	24657#	25017	20582	22617#	23934#
Chile	618	692	689	706	720	889	813	773	805	894
Colombia	482	507	530	632	690	712	706	710	664	689
Cuba	354	338	408	411	402	363	432#	340#	300E	200E
Mexico	6917	7482	7299	7225#	7642#	7779#	7851#	8726#	7954#	8436#
Peru	299	337	368	358#	400#	463#	397	284	235#	330
Trinidad and Tobago	210	172	164	331	388	363	347	380#	444	532
Uruguay	46	41	39	31	30	30	37	38	44	53
Venezuela	2320	2770	3055	3402	3297#	3165#	2942#	2787	2558	2659#
Other America	85	113	106	105	118	139	112	95	96	90

27. CRUDE STEEL:[1] Production
(concluded)

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
ASIA	**35552**	**39226**	**42245**	**45325**	**50653**	**58296**	**63163**	**69018**	**75174**	**79806**
Bangladesh	58	88	122	116	120	120	120E	120E	120E	100E
Hong Kong	120	120	120E	120E	120E	120E	150E	150E	150	150
India	10237	10549	11936	12197	13121	14309	14608	14963	17100	18117
Indonesia	983	1171	1374	1729	2059	1850	2303#	2992	3000	3100E
Iran,Islamic Rep.of	734	854	836	838	839	978	1081	1425	2203#	2937
Malaysia	350	350	400	450	600	700	800	900	900E	1000E
Pakistan	300	750	750	900	1000	1200	1200E	1200E	1200E	1000E
Philippines	200	250	250	209#	261#	252#	400E	400E	350E	400E
Qatar	469	478	533	507	492	527	585	571	564	575
Republic of Korea	11915	13034	13540	14555	16782	19118	21873	23126	26001	28054
Saudi Arabia	275	842	1108	1100	1365	1614	1810	1833	1783	1823
Singapore	305	362	365	390	441	432	495	499	510	482
Syrian Arab Rep.	100	100	70E	70E	60E	60E	30#	70#	70#	70E
Taiwan Province of China	5031	5241	5306	5545	5915	8269	9047	9747	10973	10705
Thailand	381	447	425	450	534	535	550E	600E	715#	810#
Turkey	3834#	4330#	4862#	5827#	7044#	7983#	7901#	9322#	9335#	10252#
United Arab Emirates	50	50	50E	50E	40E	40E	40E	40E	30E	40E
Other Asia	210	210	200	172	160	160	170	170	170	190
EUROPE	**4134**	**4232**	**4490**	**4519**	**4367**	**4487**	**4502**	**3608**	**2295**	**1833**
Yugoslavia	4134#	4232#	4490#	4519#	4367#	4487#	4502#	3608#	2295	1833
COUNTRIES OF EASTERN EUROPE	**210025**	**214253**	**214023**	**221649**	**224368**	**224208**	**219099**	**203136**	**165781**	**148324**
Bulgaria	2825	2878	2926	2998	3044	2840	2839	2180#	1615#	1552#
Czechoslovakia	15024	14831	15036	15112	15416	15379#	15465#	14813	12071	11144#
Germany (former German Dem.Rep.)	7219	7573	7840	7987	8243	8133	7829	5587	-	-
Hungary	3617	3751	3647	3715	3622	3580#	3305	2982	1982	1559
Poland	16236	16553	16126	17144	17148	16885#	15094	13553	10432	9857
Romania	12593	14437	13795	14276	14362	14314#	14415#	9754#	7115#	5372
USSR (former)	152511	154230	154653	160537	161935	163037#	160082#	154246#	132666	116830
of which										
Latvia	..	..	..	..	..	..	..	..	373#	246#
Ukraine	..	..	..	..	..	..	..	52646#	44995#	41759
Russia	..	..	..	..	..	..	..	78990	77076	67000
SOCIALIST COUNTRIES OF ASIA	**45140**	**49775**	**53294**	**58909**	**63010**	**66261**	**68290**	**73349**	**77436**	**87837**
China	39040	43475	46794	52208	56280	59431	61430	66349	70436	80037
Democratic People's Rep. of Korea	6100	6300	6500	6800	6730	6830	6830	7000	7000	7000

1 Crude steel: raw form of steel measured at the first stage of solidification, except for liquid steel casting.

2 The statistical series for the former German Democratic Republic stops in 1990. This should be taken into account for the comparison of the total of countries in eastern Europe which will be lower and the total in the EEC which will be higher.

Annex. Iron-ore questionnaire

Replies

Country or area	Date of reply	A		B				C	D			E	
		A.1	A.2	B.1	B.2	B.3	B.4		D.1	D.2	D.3	E.1	E.2
Argentina	8 June 93	#	-	-	-	-	-	-	-	#	-	-	-
Brazil	5 July 93	#	#	#	#	#	-	-	#	-	#	#	-
Bulgaria	26 April 93	#	-	-	-	-	-	-	#	#	#	-	-
Canada	17 March 93	#	-	-	-	-	-	-	#	#	-	-	-
Czechoslovakia	13 April 93	#	#	#	#	#	-	#	-	#	-	-	-
EEC	28 May 93	#	#	#	#	#	-	#	#	#	#	-	-
Egypt	28 March 93	#	#	#	#	#	-	#	-	#	-	-	-
Finland	21 June 93	-	#	#	#	#	-	#	-	#	#	-	-
India	24 June 93	#	-	-	-	-	-	-	#	-	#	-	-
Japan	8 April 93	-	#	#	#	#	-	#	-	#	-	-	-
Latvia	8 June 93	-	-	-	-	-	-	-	-	#	-	-	-
Mauritania	28 April 93	#	-	-	-	-	-	#	#	-	#	#	-
Mexico	7 June 93	#	#	#	#	-	-	#	-	#	#	-	#
Morocco	18 March 93	#	-	-	-	-	-	-	#	-	-	-	-
New Zealand	19 March 93	-	-	-	-	-	-	-	#	#	#	-	-
Norway	5 April 93	#	-	-	-	-	-	-	-	-	-	-	-
Philippines	14 April 93	#	-	-	-	-	-	-	-	-	-	-	-
Romania	16 June 93	#	-	-	-	-	-	-	-	#	-	-	-
Slovenia	10 June 93	-	-	-	-	-	-	-	#	#	#	-	-
South Africa	30 March 93	#	-	#	-	#	#	-	#	-	#	-	-
Sweden	1 April 93	#	#	#	#	#	#	#	#	#	#	#	-
Thailand	6 March 93	#	-	#	#	#	#	-	#	#	-	-	-
Tunisia	27 February 93	#	-	-	-	-	-	-	#	-	-	-	-
Turkey	27 April 93	#	#	#	#	#	#	#	-	#	-	-	-
United States	30 April 93	#	-	#	-	#	-	#	#	#	#	#	-
Venezuela	10 June 93	#	-	#	#	#	-	#	#	-	-	#	-
Zimbabwe	4 March 93	#	#	#	#	#	-	#	-	-	-	-	-

CONTENTS: Iron ore

A. Production and production capacity

A.1. Iron production by products

A.2. Production of agglomerates by iron and steel producers

B. Consumption

B.1. Iron-ore consumption by products

B.2. Iron-ore consumption by source

B.3. Iron-ore consumption in metallurgical uses

B.4. Iron-ore consumption in non-metallurgical uses

C. Stocks

D. International Trade

D.1. Volume of exports by destination and product type

D.2. Volume of imports by origin and product type

D.3. Value of exports and/or imports

E. Production Capacity

E.1. Planned additions

E.2. Planned reductions

Note:

Gabon,San Salvador replied to the questionnaire but have no iron-ore or steel industry.

Annex. Iron-ore questionnaire

Replies (*concluded*)

Country or area	Date of reply	F.1			F.2	F.3			G.1			G.2	H		
		F.1.1	F.1.2	F1.3		F3.1	F3.2	F3.3	G1.1	G1.2	G1.3		H.1	H.2	H.3
Brazil	9 July 93	#	#	#	#	#	#	#	#	#	#	#	#	-	#
Bulgaria	26 April 93	-	-	-	-	#	-	#	-	-	#	-	#	#	#
Czechoslovakia	13 April 93	#	-	#	-	#	#	#	-	-	#	#	#	-	-
Egypt	8 February 93	#	#	#	#	#	#	#	#	#	#	#	#	-	#
Finland	21 June 93	#	-	#	-	#	#	#	#	-	#	#	-	-	-
India	30 May 93	#	-	-	#	#	-	-	-	-	-	-	#	#	#
Japan	8 April 93	#	-	#	-	#	#	-	#	-	#	#	#	#	-
Latvia	8 June 93	-	-	-	-	#	#	#	-	-	-	-	#	#	#
Mexico	7 June 93	#	#	#	#	#	#	#	#	#	#	#	#	#	#
New Zealand	19 March 93	-	-	-	-	-	-	-	-	-	-	-	#	#	#
Norway	5 April 93	-	-	-	#	#	-	-	-	-	-	-	-	-	-
Romania	16 June 93	#	#	-	#	-	-	-	-	-	-	-	#	#	-
Slovenia	10 June 93	-	-	#	#	#	#	-	-	-	#	#	#	#	#
South Africa	30 March 93	-	-	-	#	#	-	-	-	-	-	-	-	-	-
Sweden	1 April 93	#	#	#	#	#	#	#	#	-	-	#	#	#	#
Thailand	16 March 93	-	-	-	-	#	#	#	#	#	-	#	#	#	#
Turkey	27 April 93	#	-	#	-	#	#	#	#	#	#	#	#	#	#
United States	30 April 93	#	#	-	#	#	-	#	#	#	#	-	#	#	#
Venezuela	10 June 93	-	#	#	#	#	#	#	#	#	#	#	#	#	#
Zimbabwe	4 March 93	#	-	-	-	#	#	#	#	-	-	#	-	-	-

CONTENTS : Iron and Crude steel

F.1. Production of Metallics

F.1.1. Pig iron

F.1.2. Sponge iron or DRI

F.1.3. Ferrous scrap generation

F.2. Production of ferro-alloys

F.3. Crude steel production

F.3.1. By process

F.3.2. By utilization

F.3.3. Share of continuous casting

G.1. Consumption of metallics

G.1.1. Pig iron

G.1.2. Sponge iron or DRI

G.1.3. Ferrous scrap

G.2. Average consumption of metallics per ton of steel output

H. International trade in metallics

H.1 Volume of exports of metallics by destination

H.2. Volume of imports of metallics by origin

H.3. Value of exports and/or imports of metallics